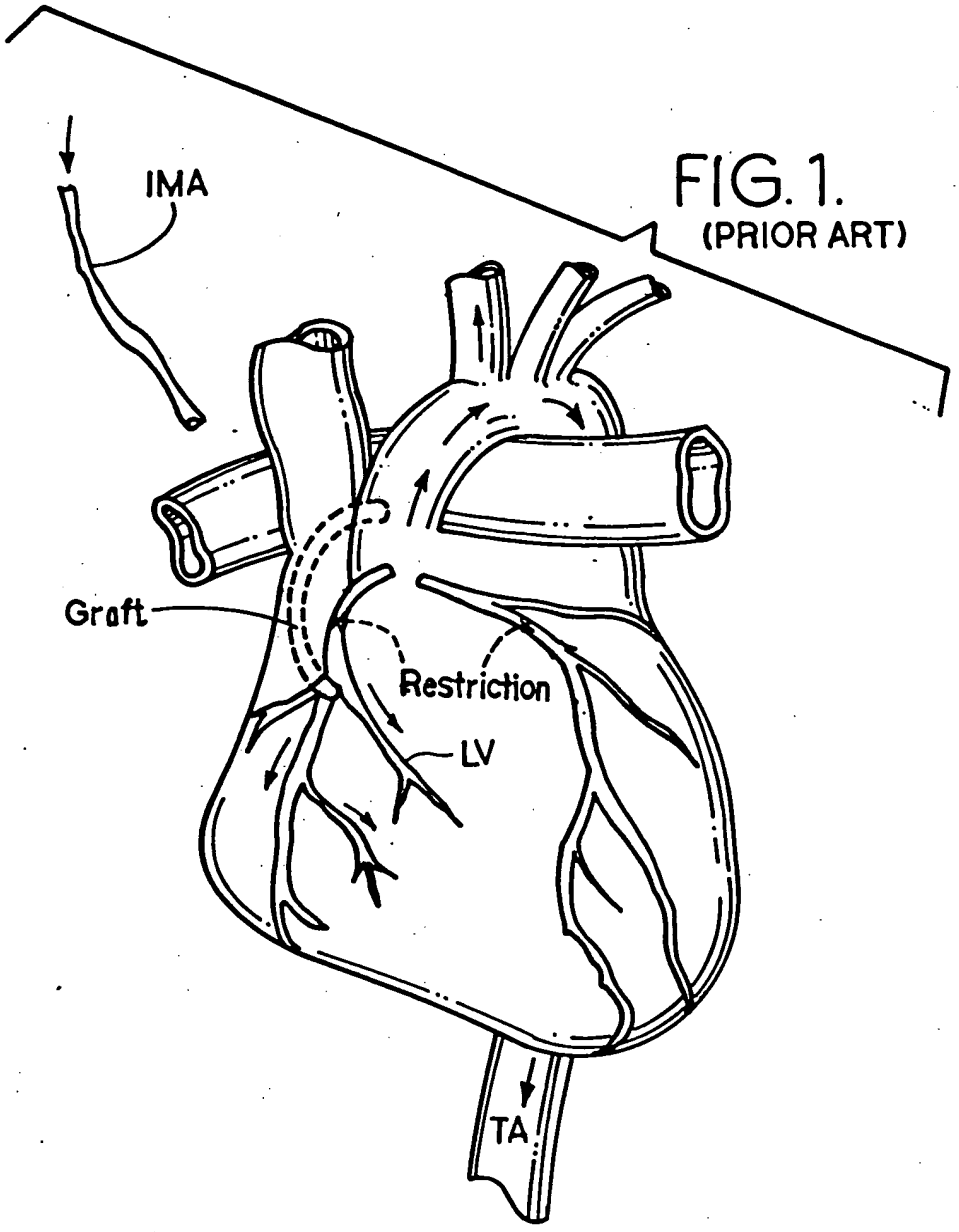


FIG. 1.
(PRIOR ART)

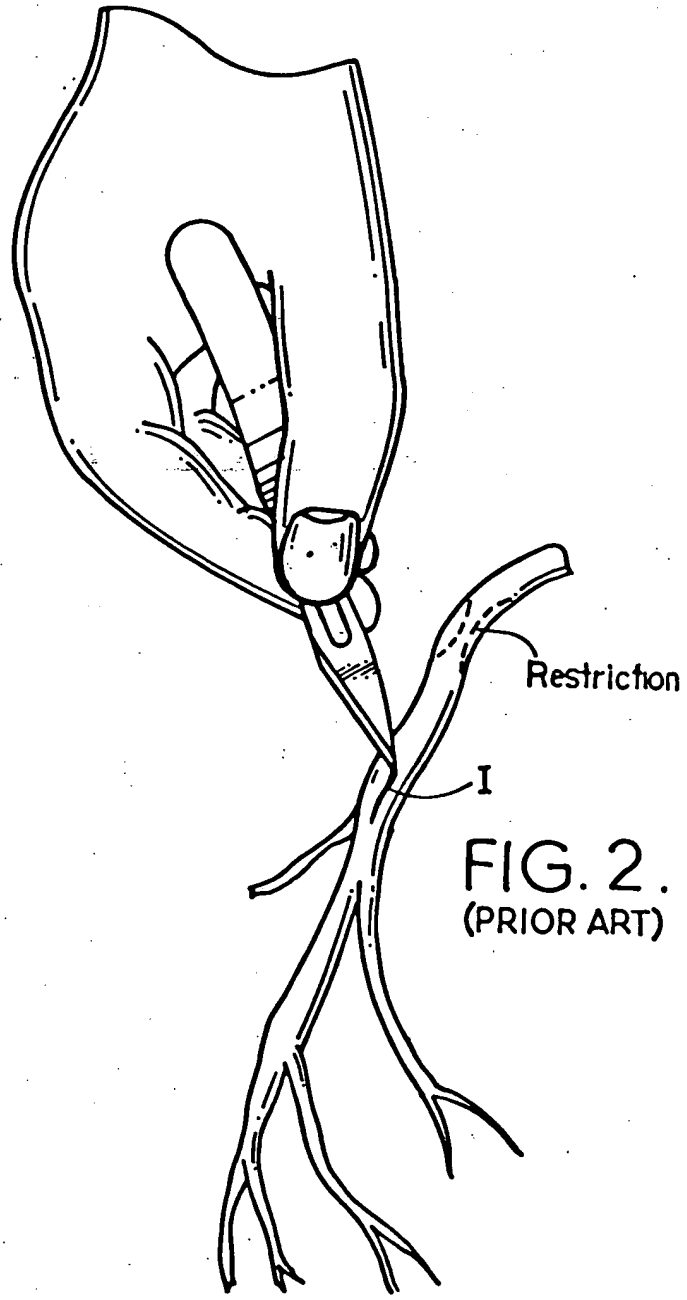


FIG. 2.
(PRIOR ART)

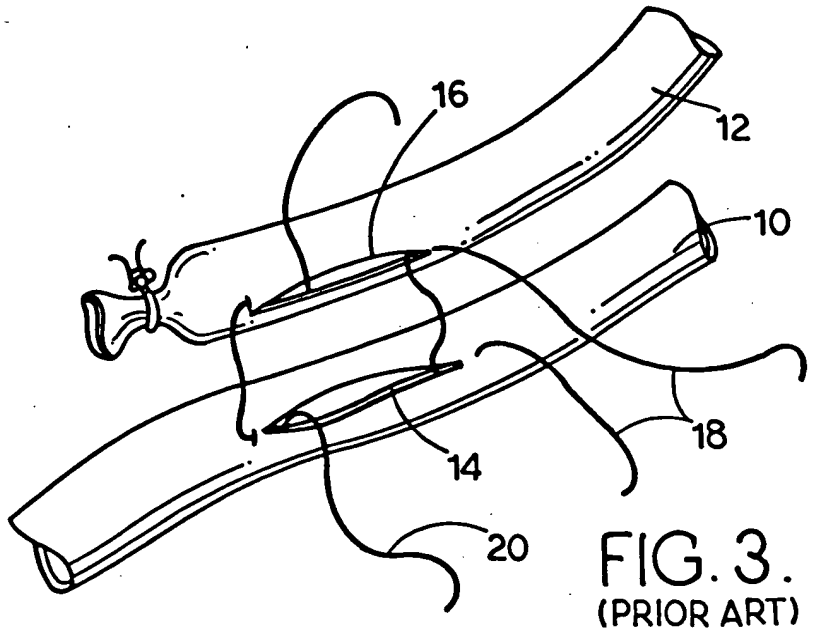


FIG. 3.
(PRIOR ART)

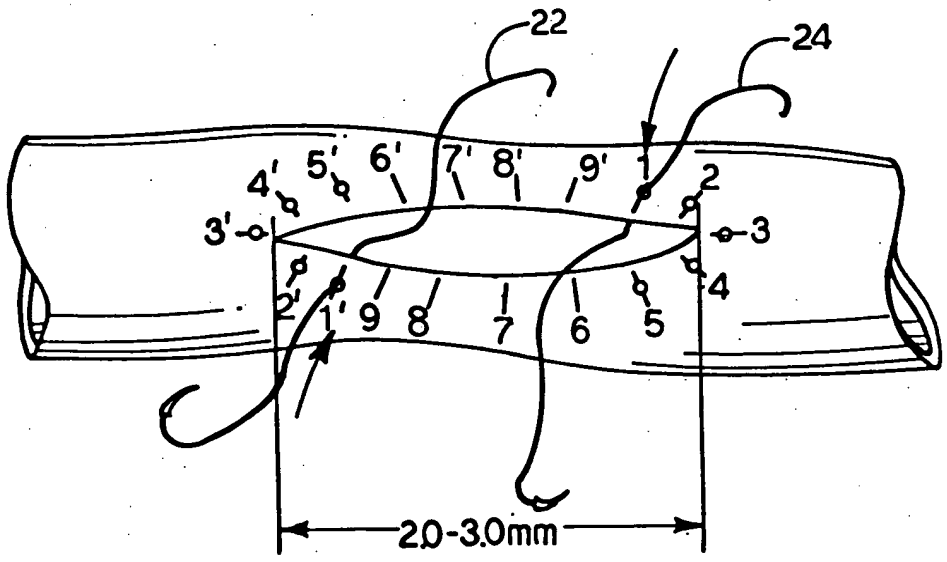


FIG. 4.
(PRIOR ART)

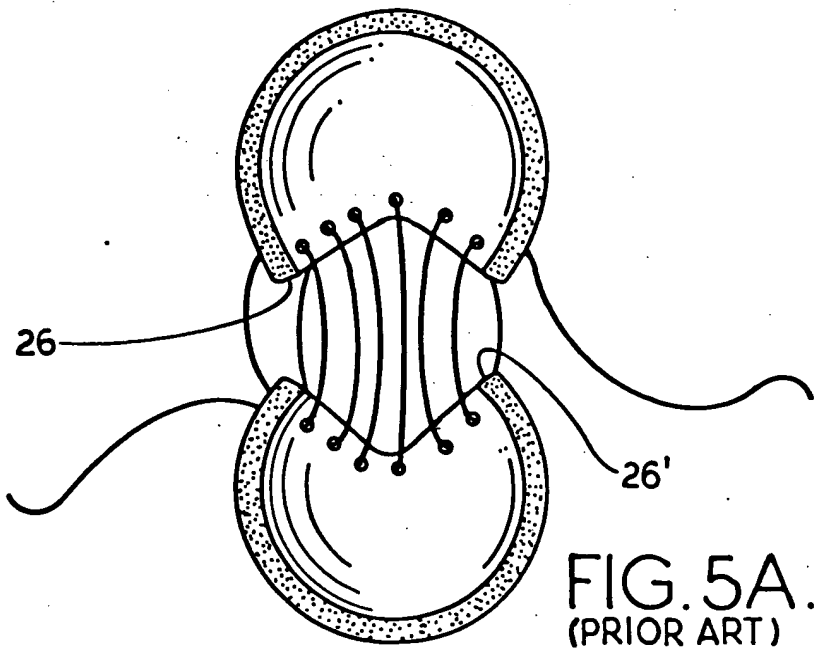


FIG. 5A.
(PRIOR ART)

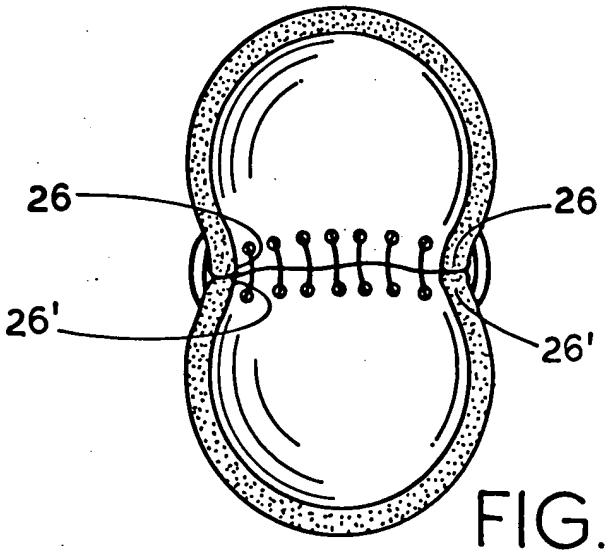
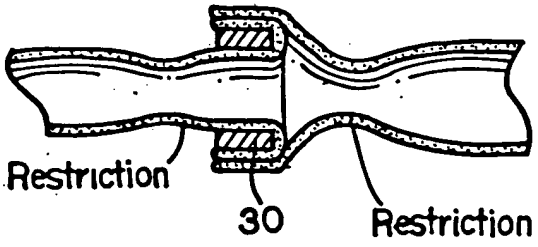


FIG. 5B.
(PRIOR ART)

FIG. 6. (PRIOR ART)



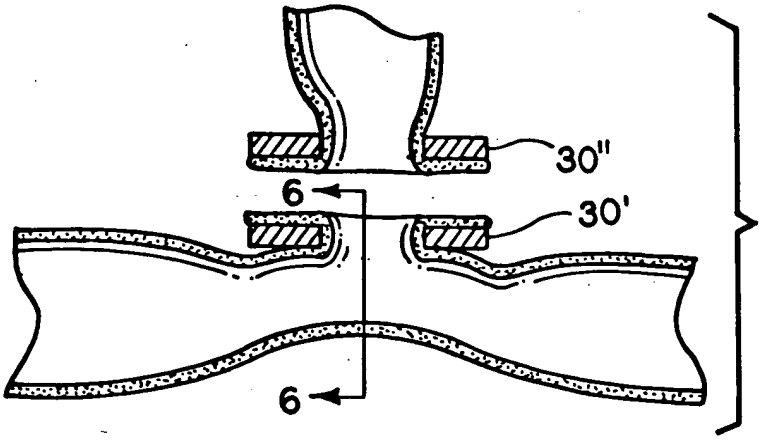


FIG. 7.
(PRIOR ART)

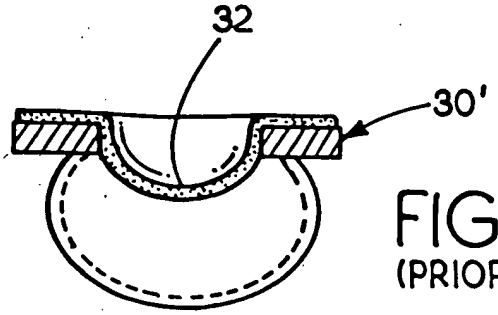


FIG. 8.
(PRIOR ART)

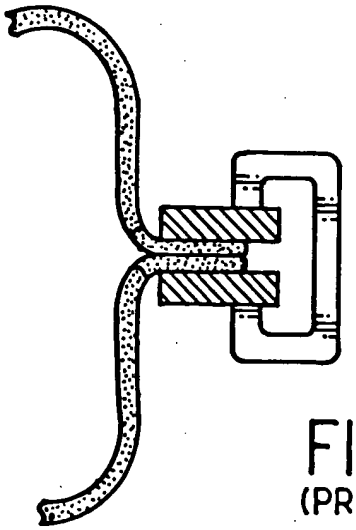


FIG. 9.
(PRIOR ART)

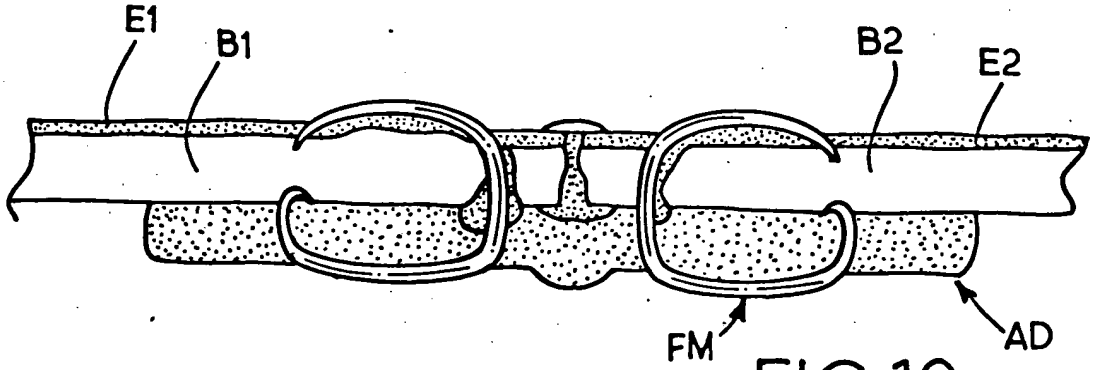


FIG.10.

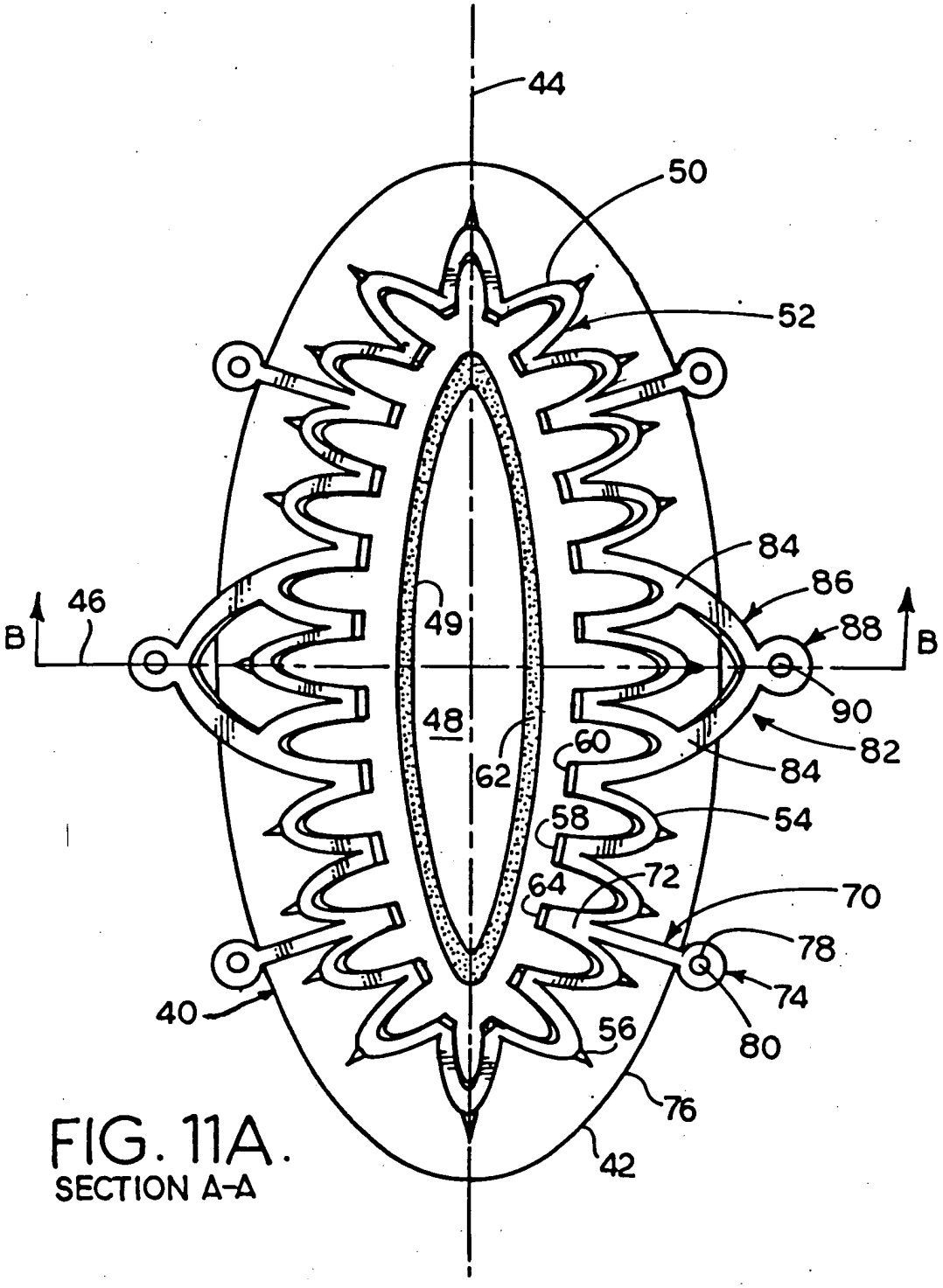


FIG. 11A.
SECTION A-A

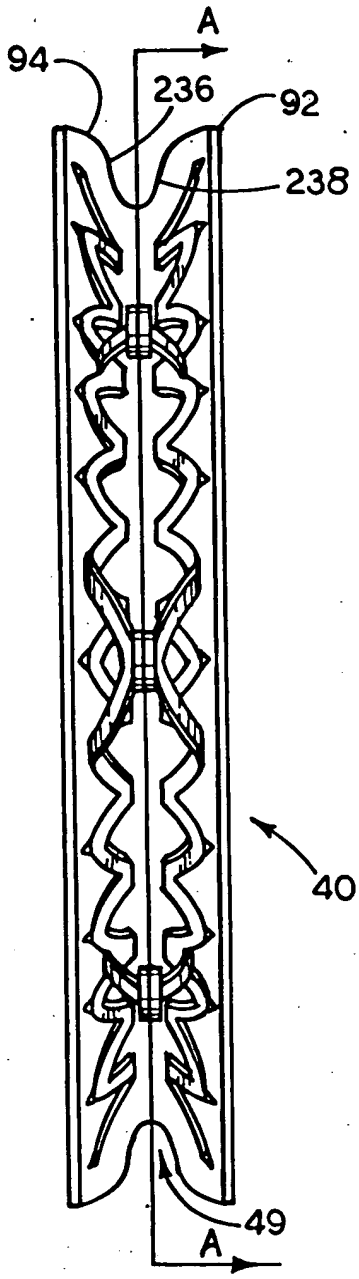


FIG.11.

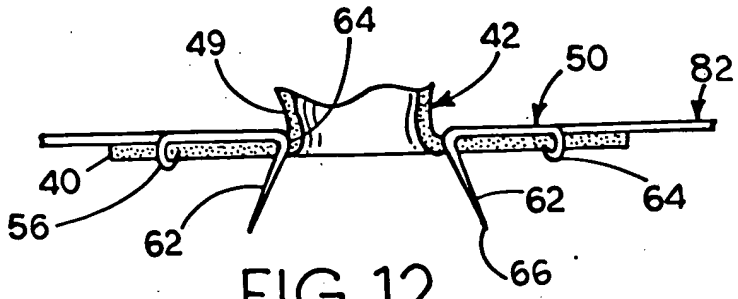


FIG.12.
SECTION B-B

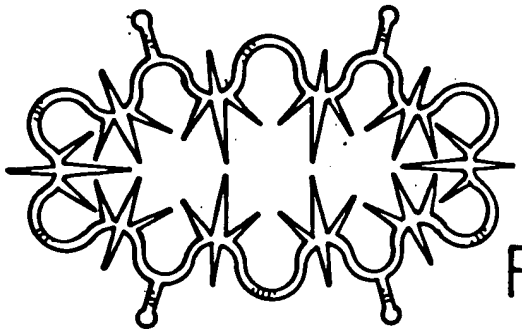


FIG.13A

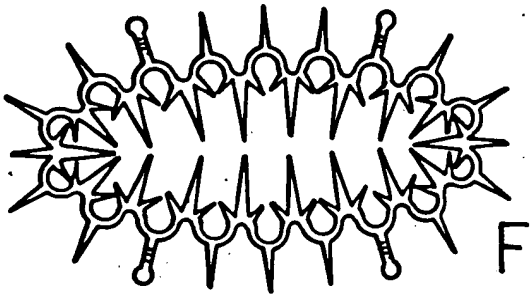


FIG.13B.

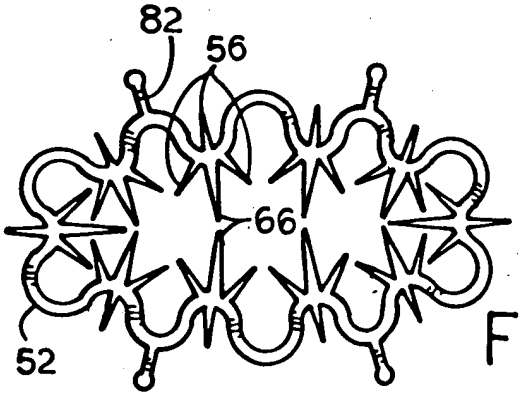


FIG.13C.

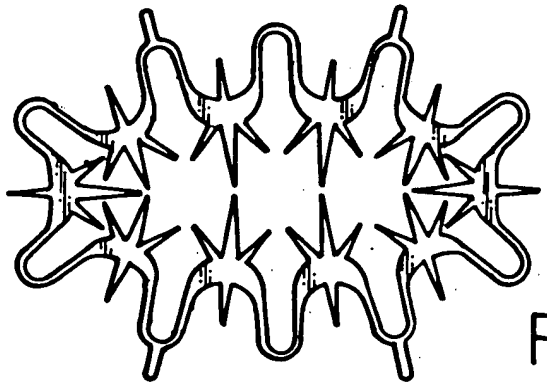


FIG.13D.

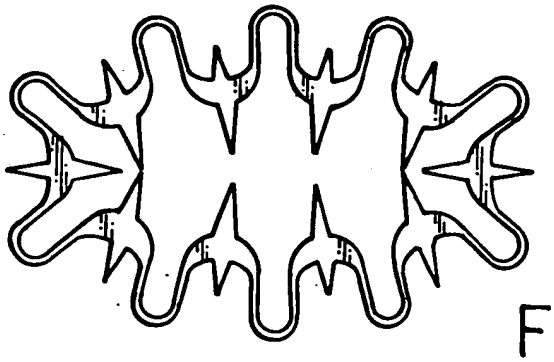


FIG.13E.

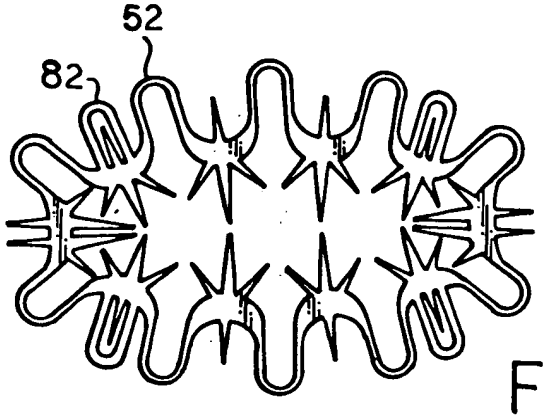
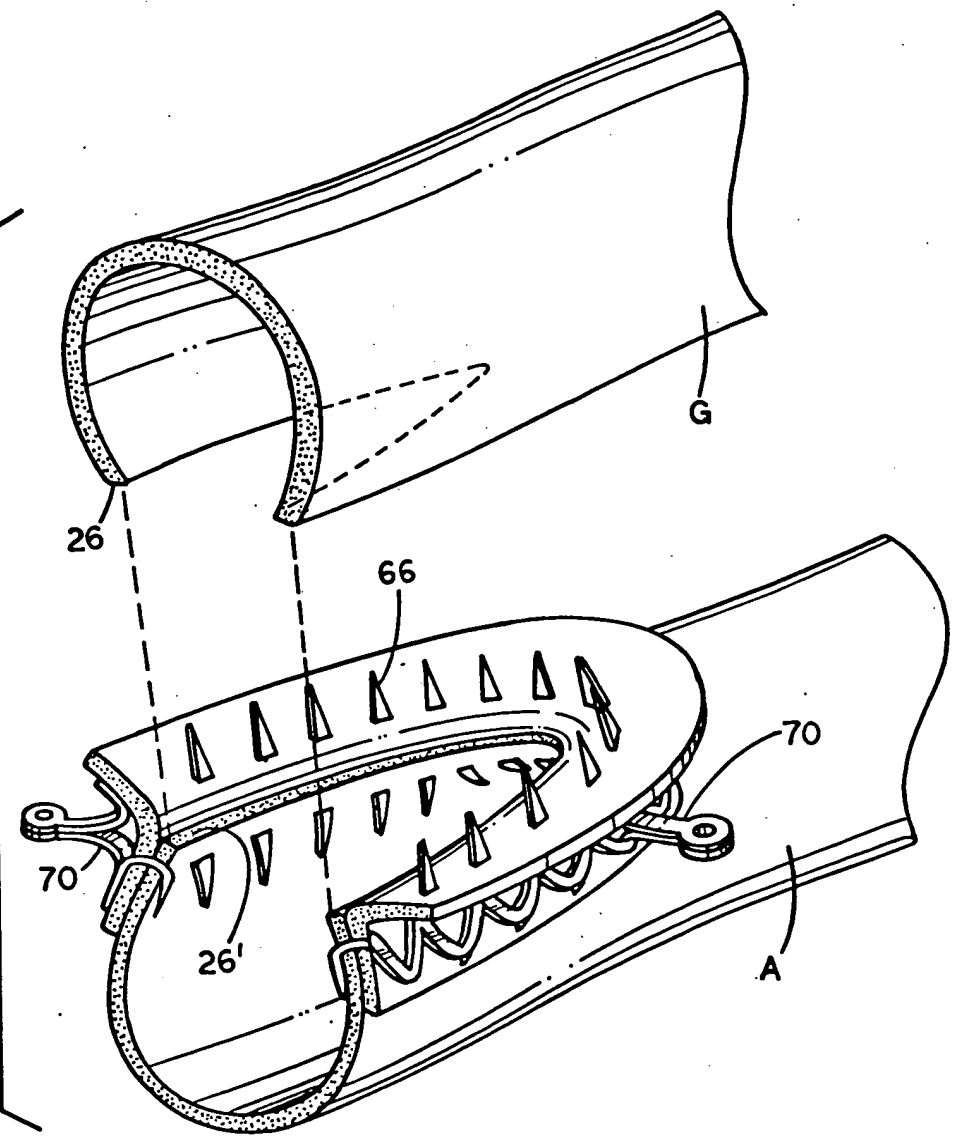


FIG.13F.

FIG.14.



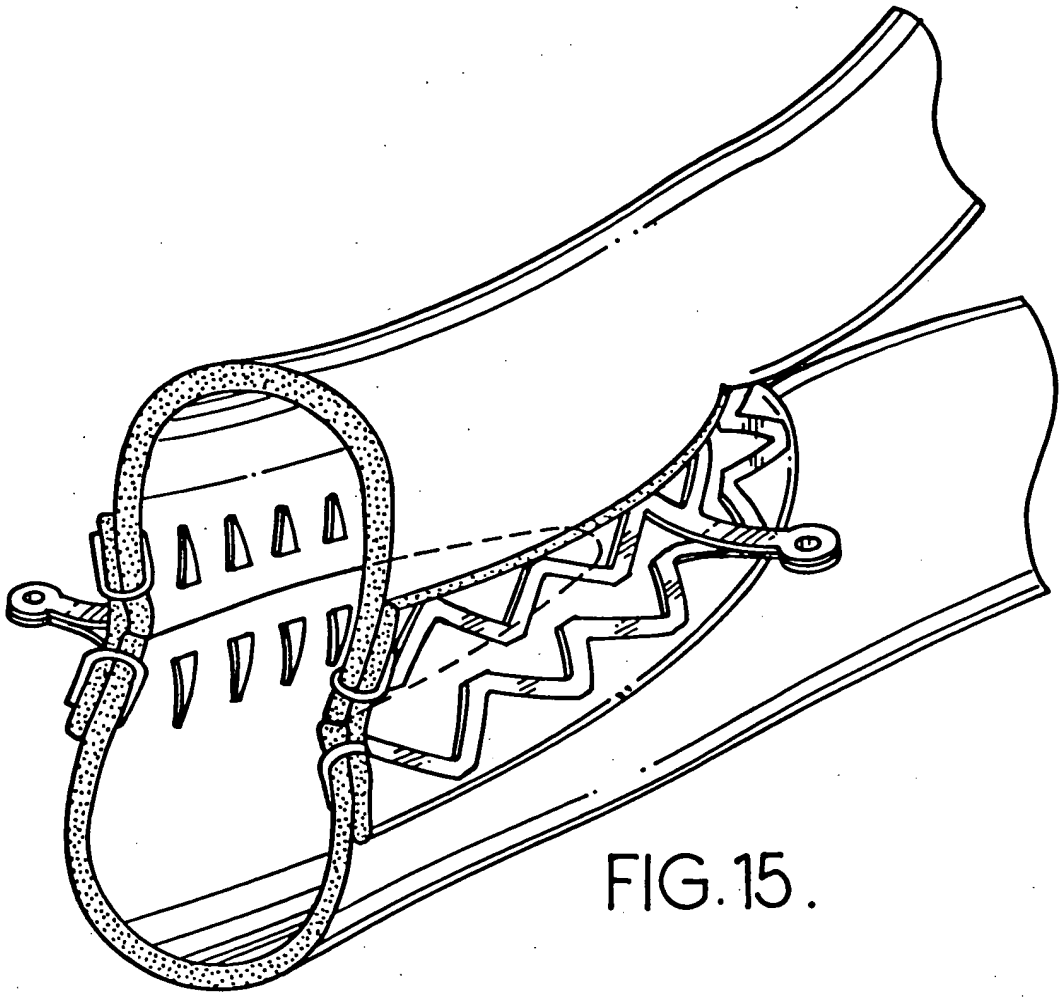


FIG. 15.

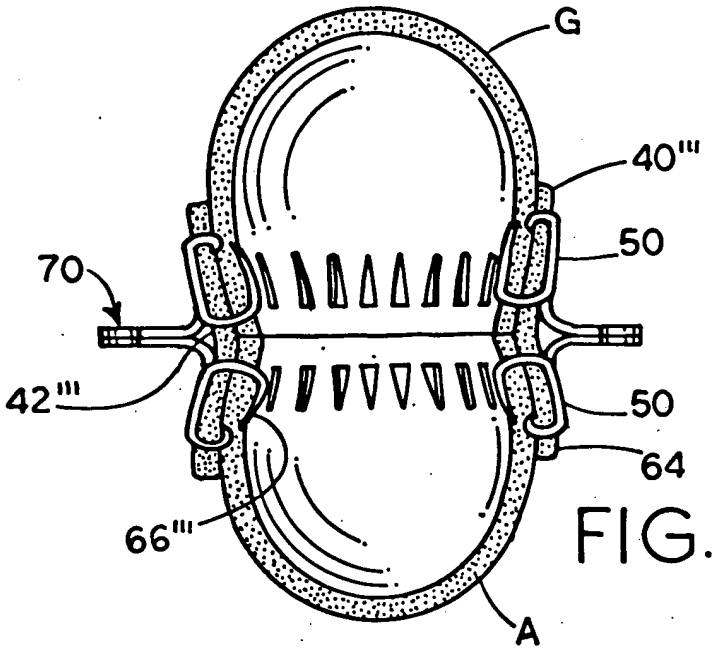


FIG. 16.

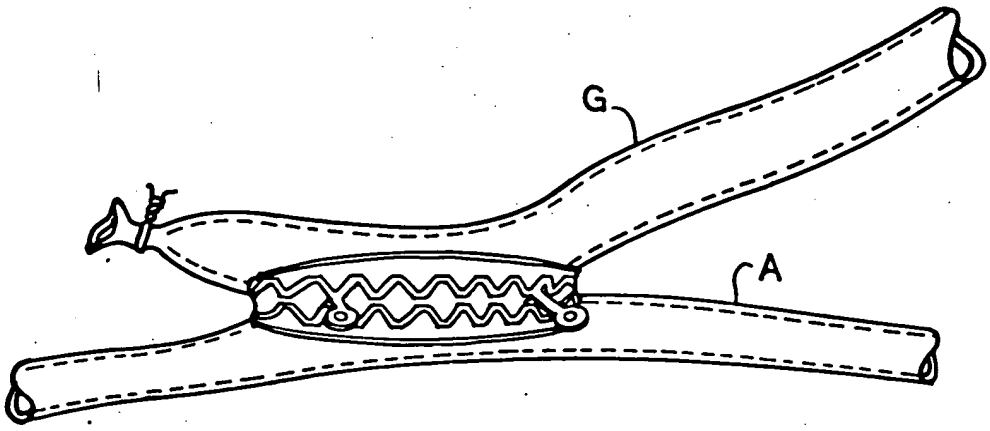


FIG. 17.

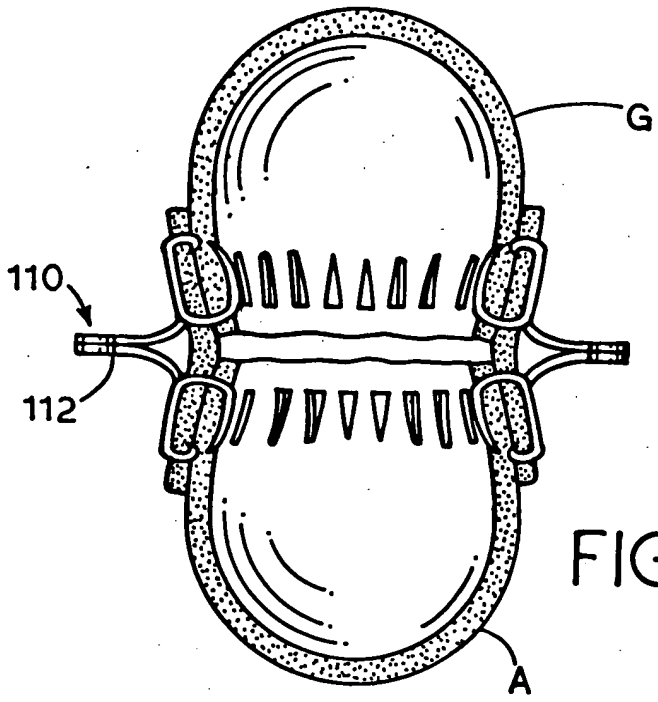


FIG.18A.

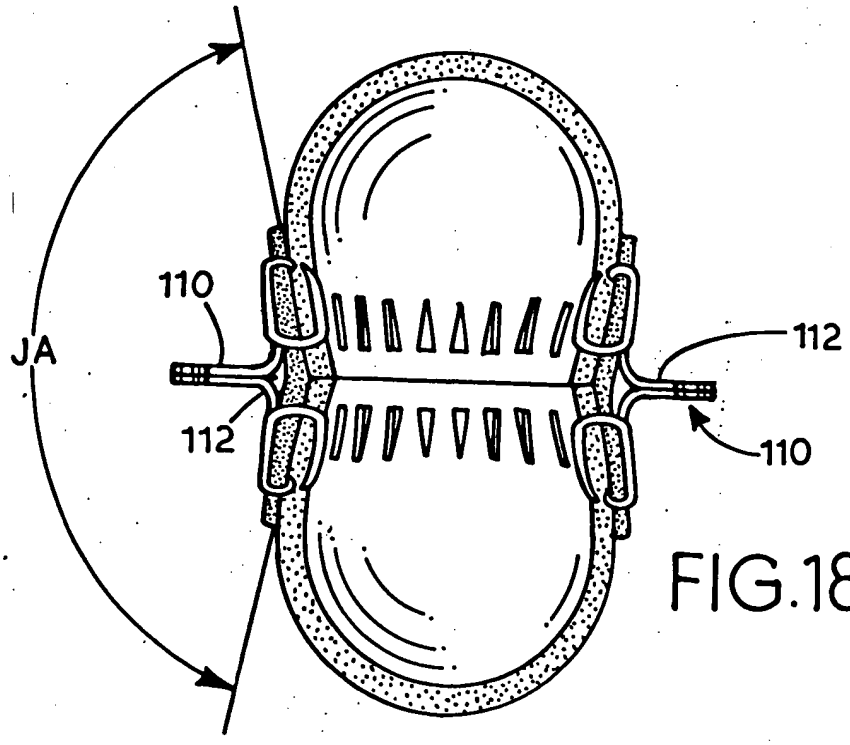


FIG.18B.

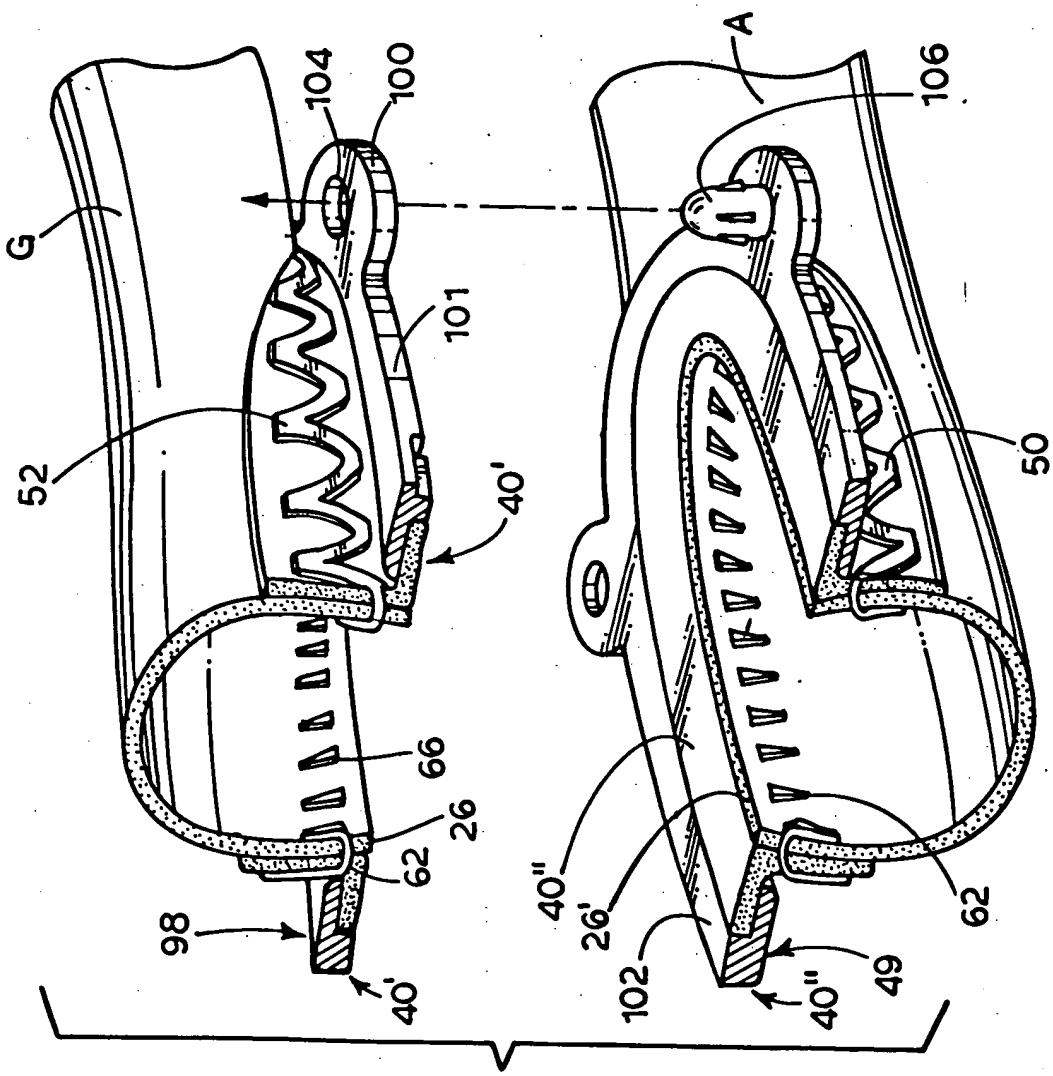


FIG.19.

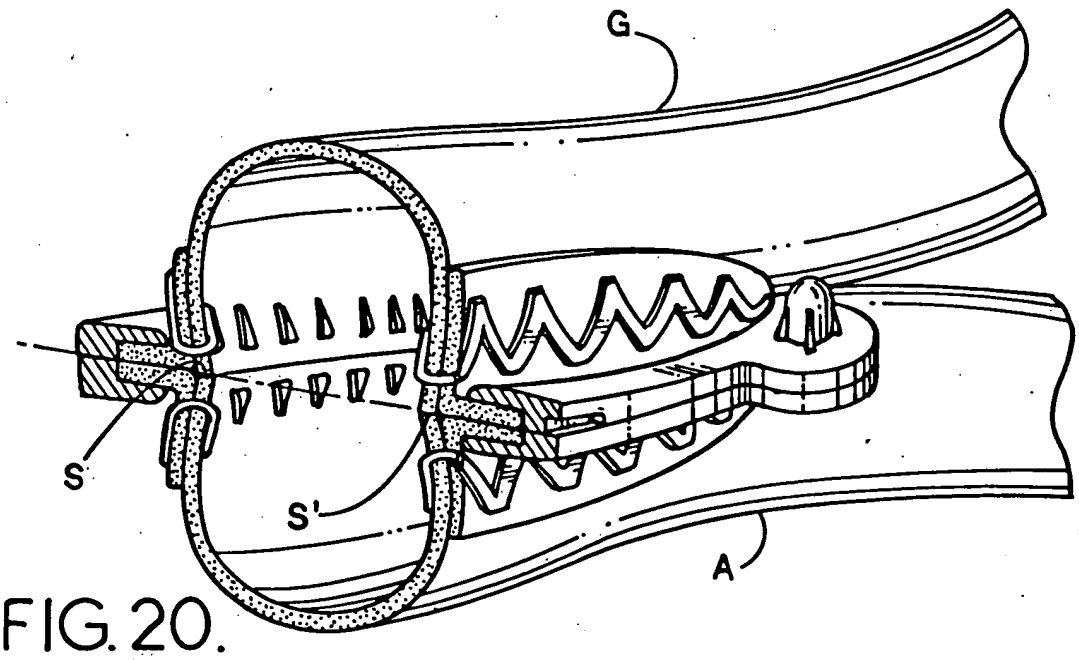


FIG. 20.

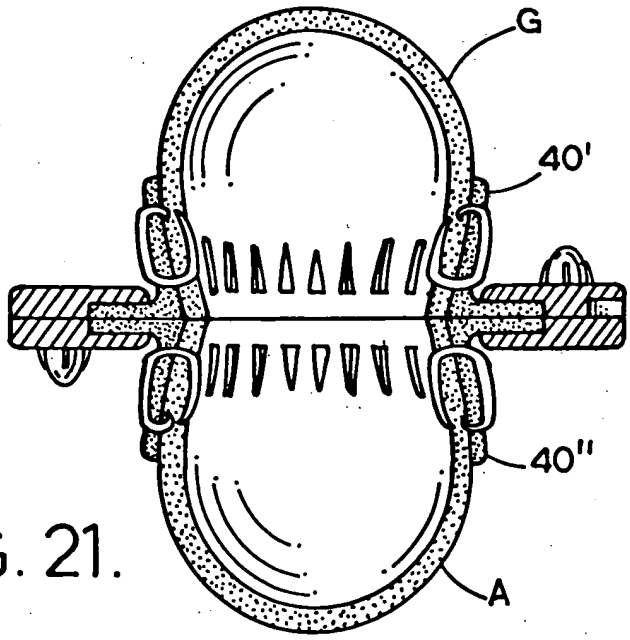


FIG. 21.

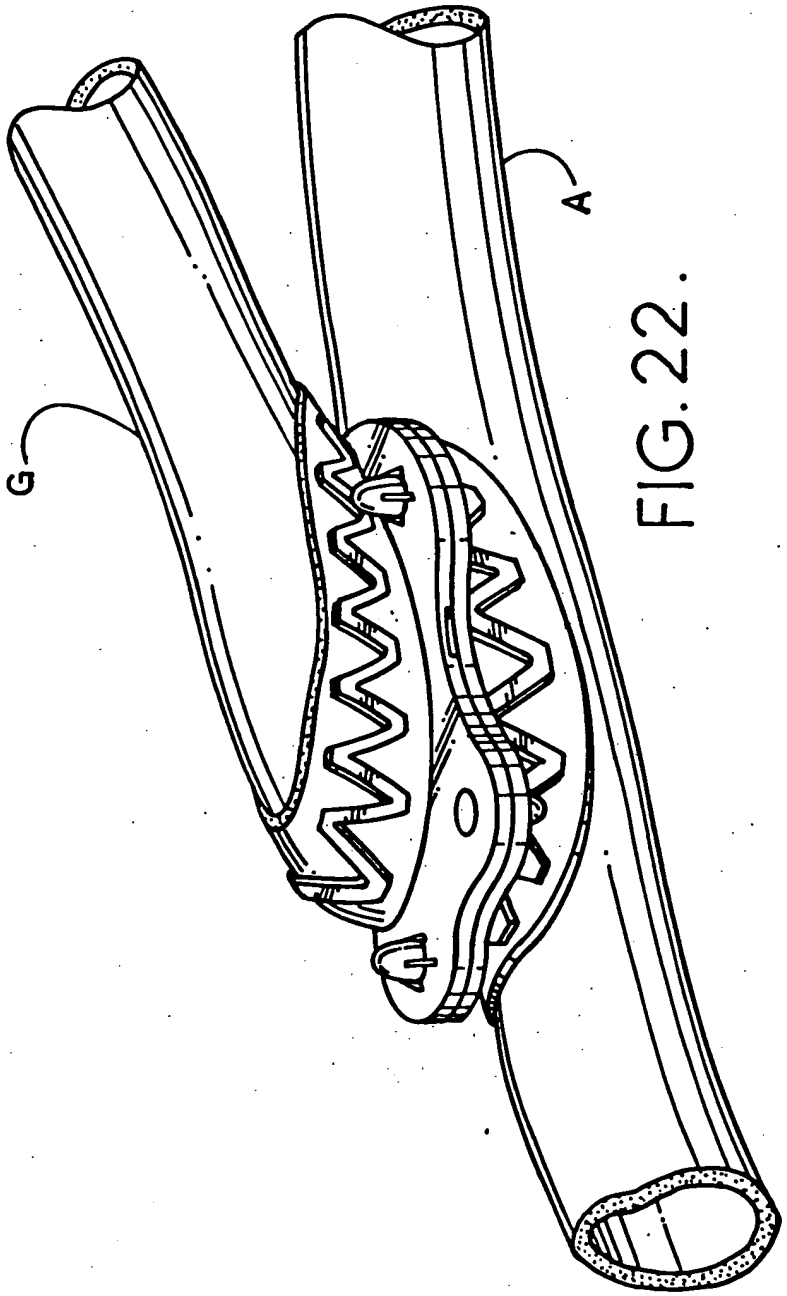
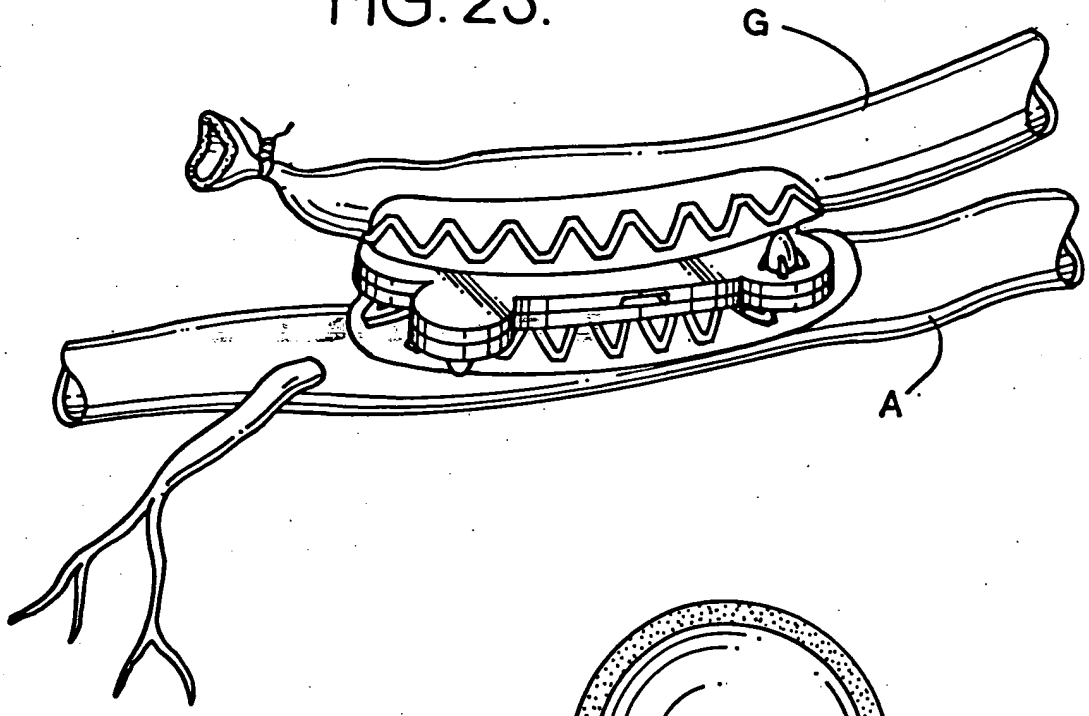


FIG. 22.

FIG. 23.



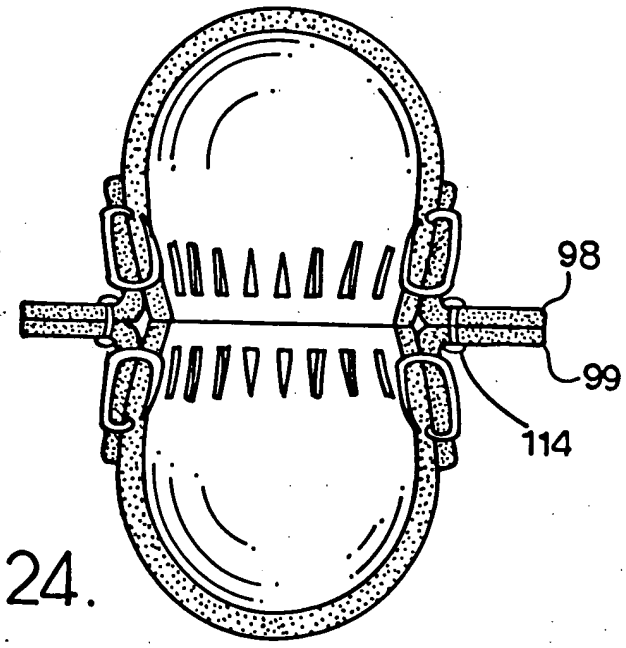


FIG. 24.

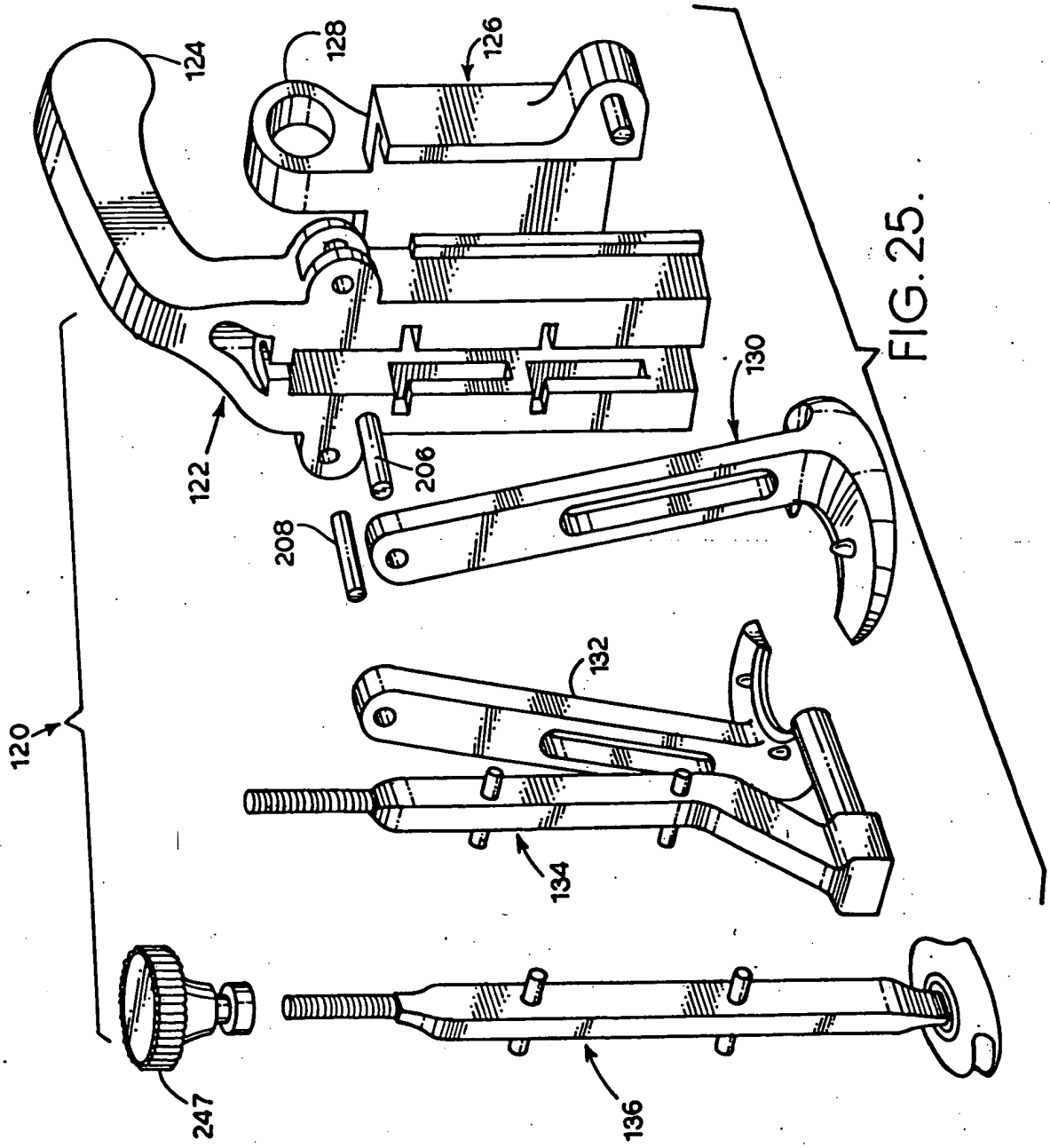


FIG. 25.

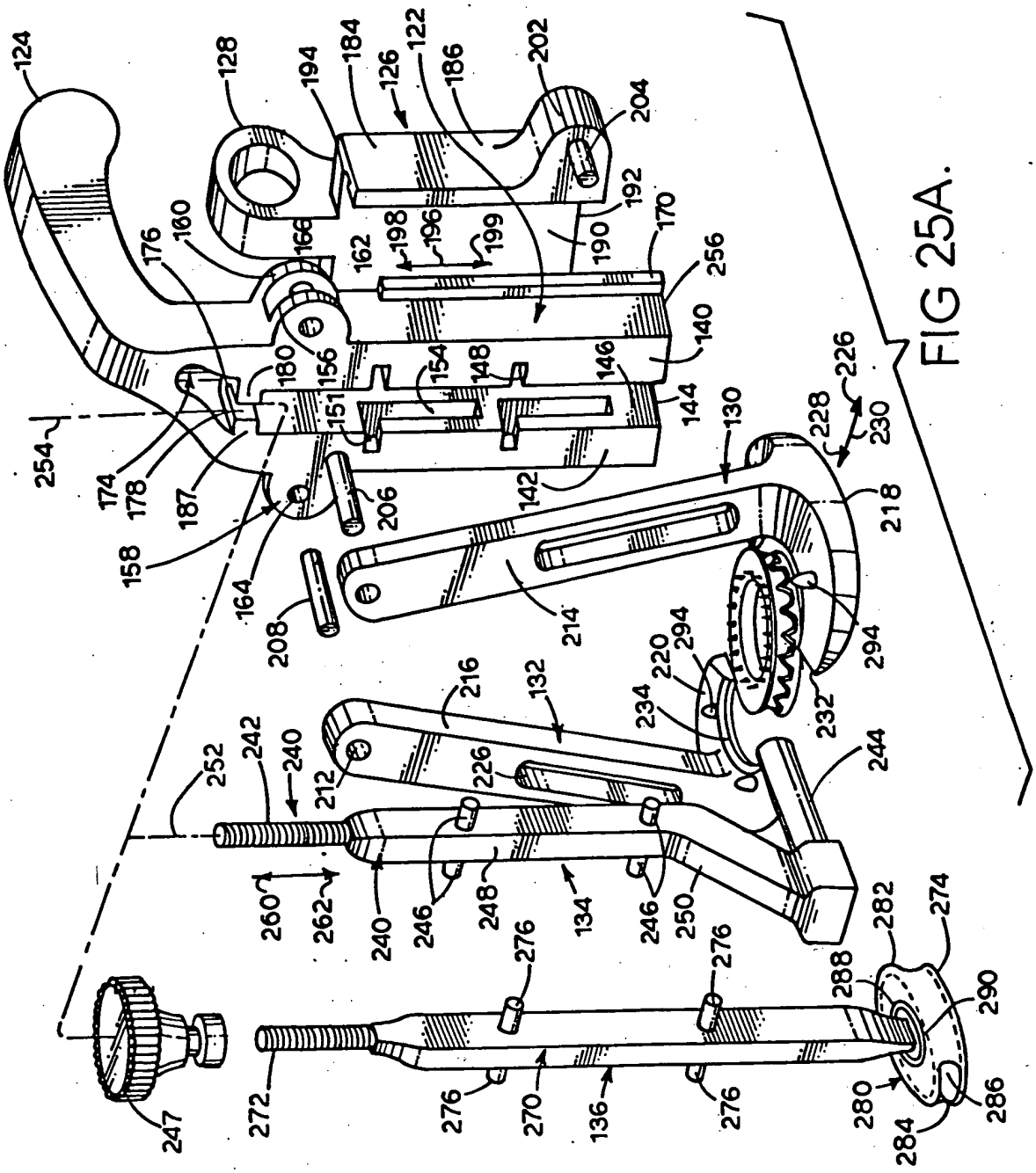

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FIG 25A.

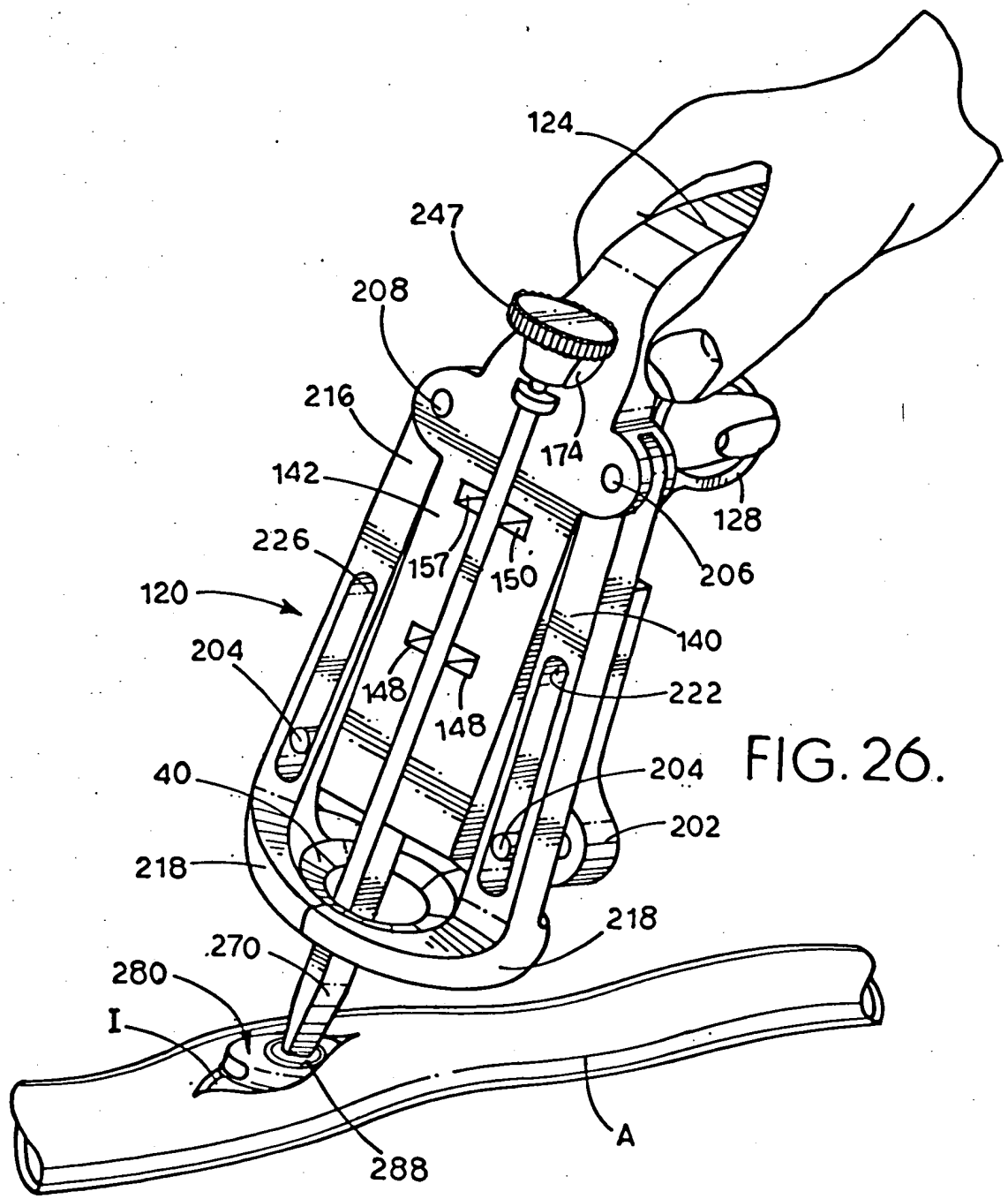
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FIG. 26.

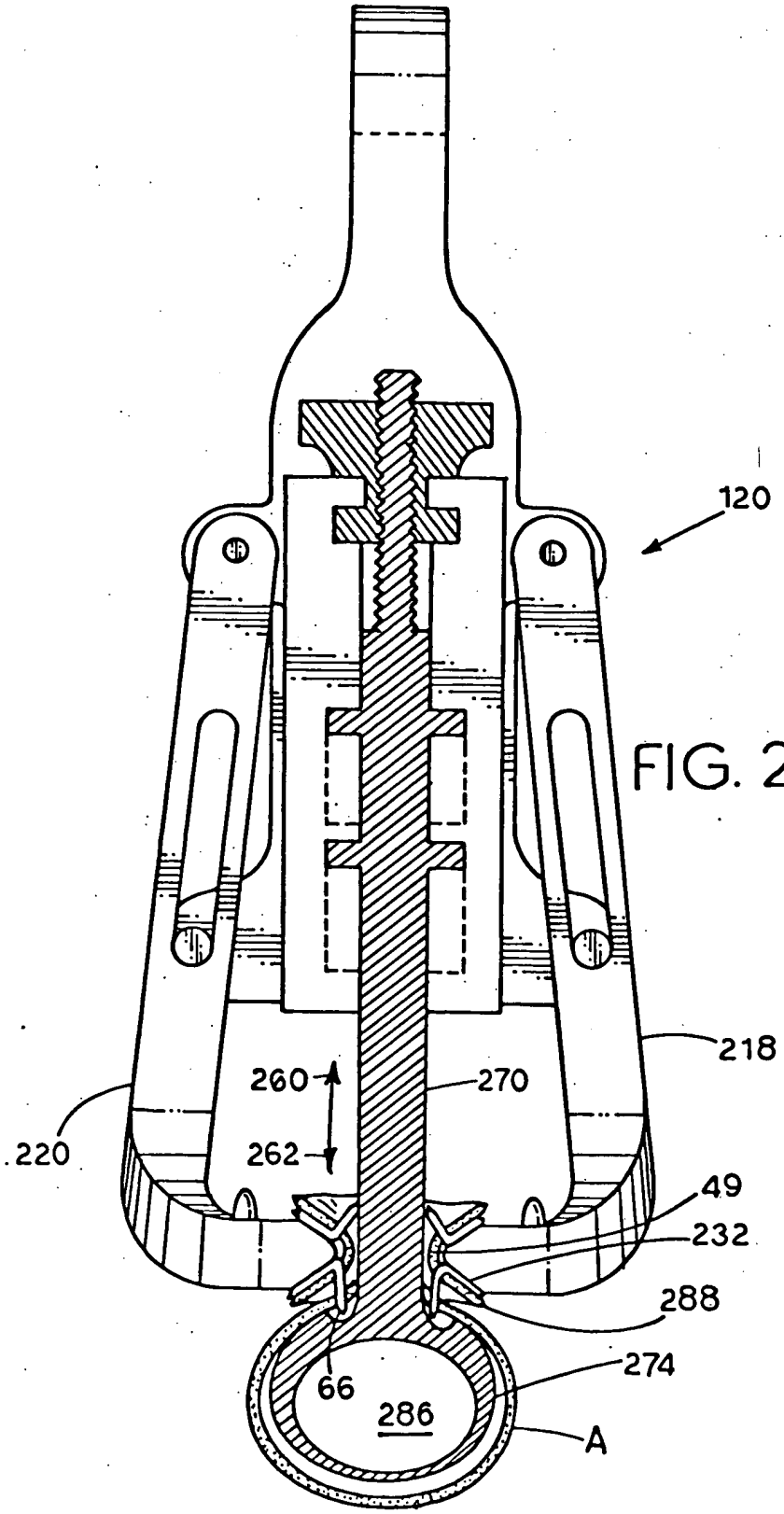
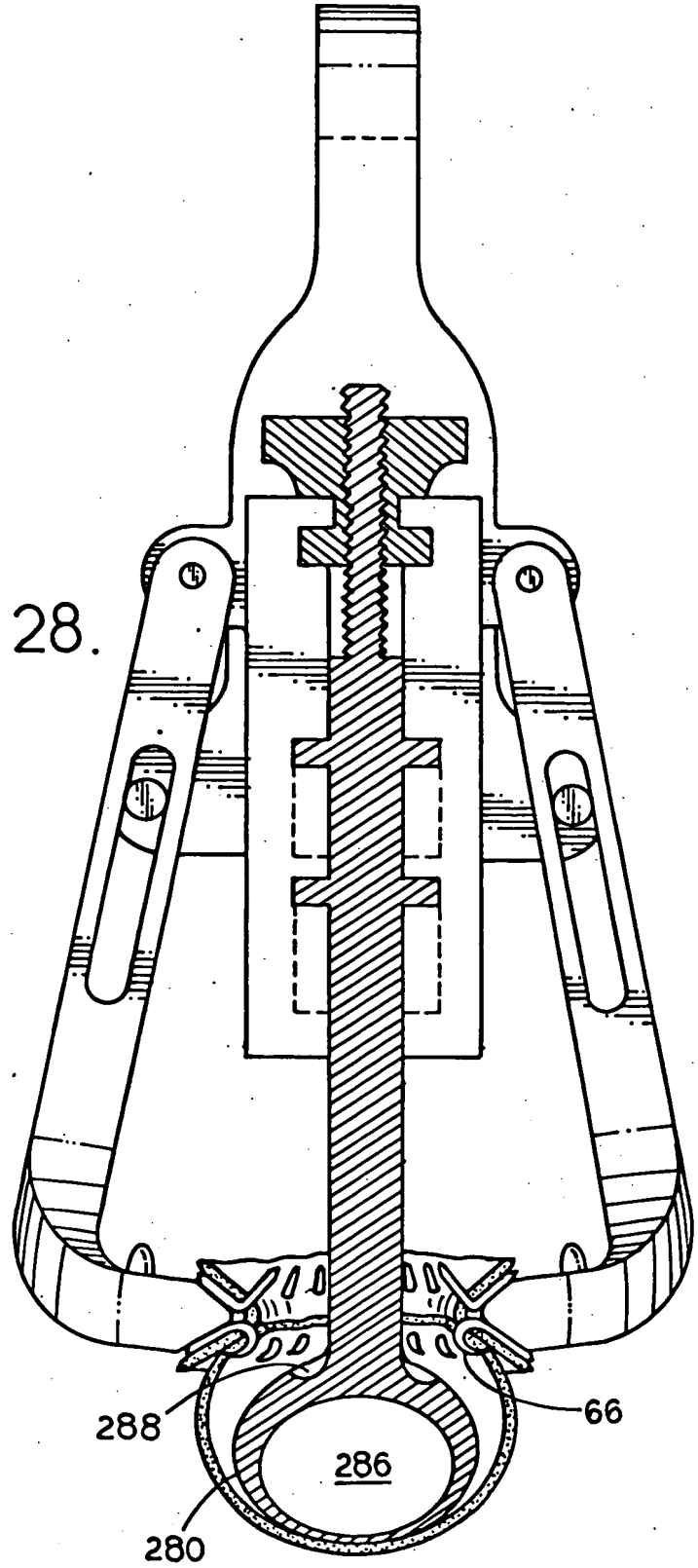


FIG. 27.

FIG. 28.



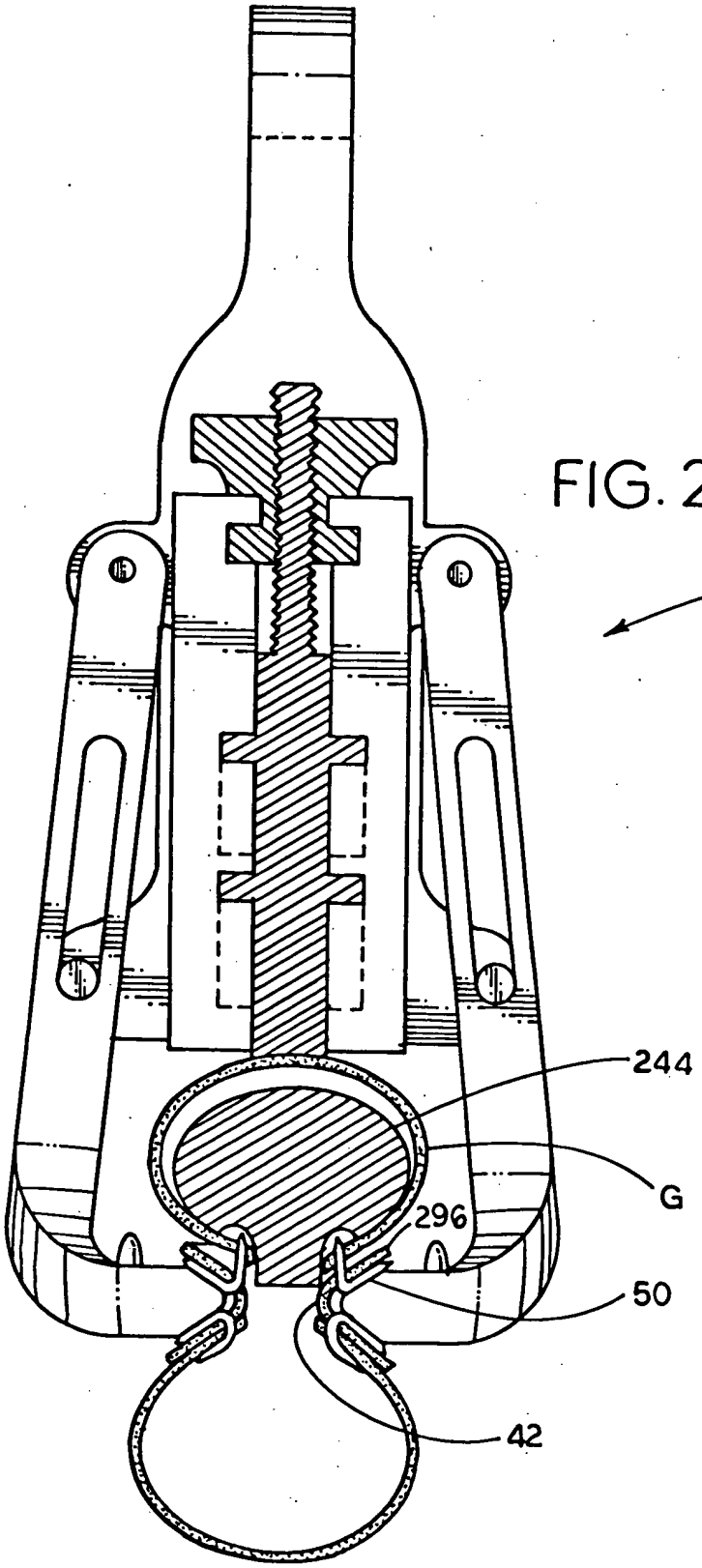


FIG. 29.

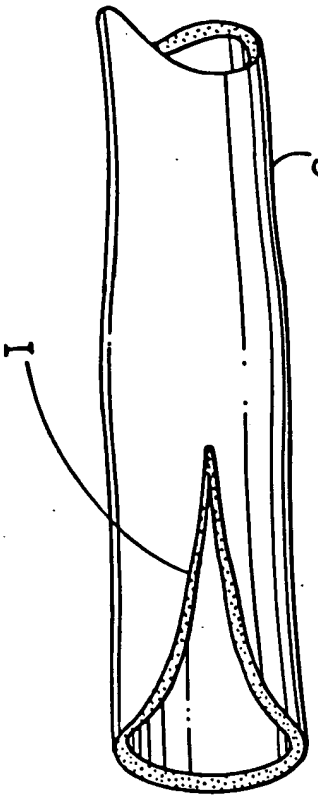


FIG. 30.

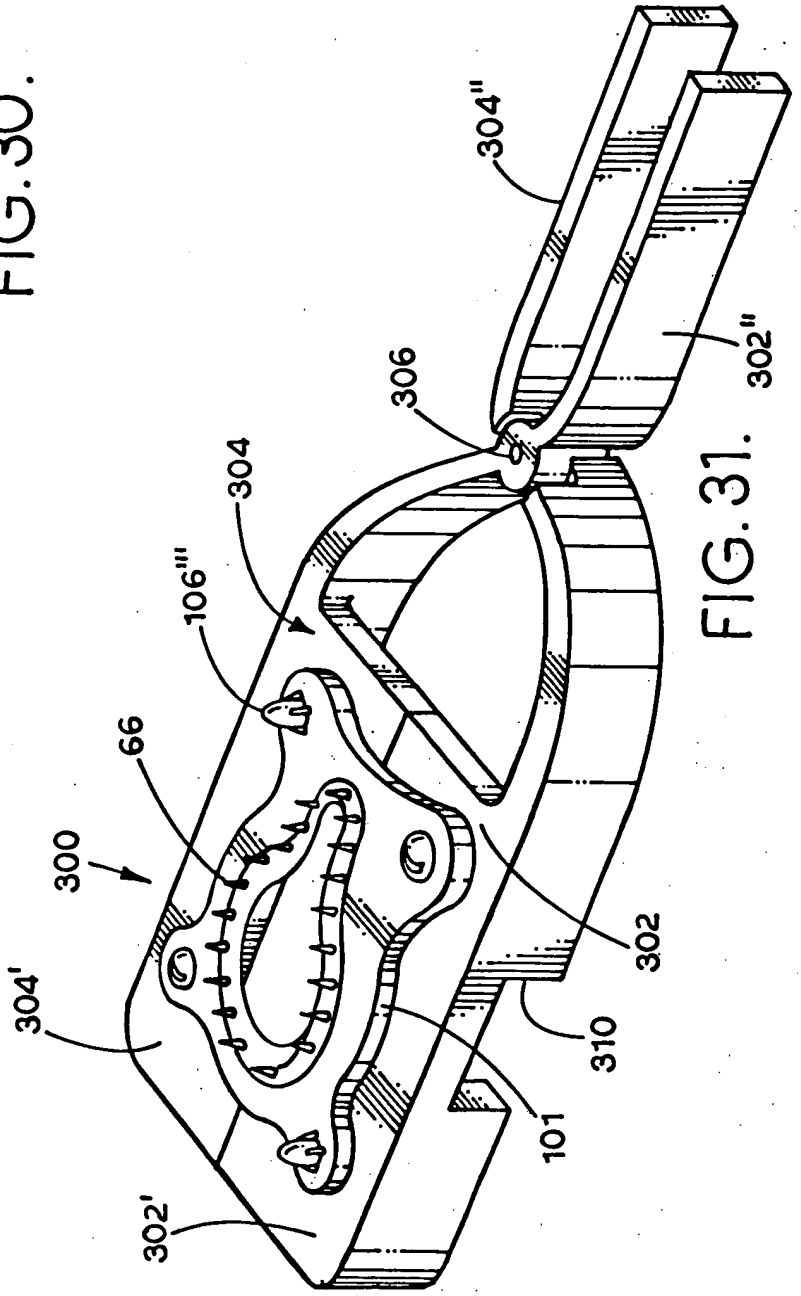


FIG. 31.

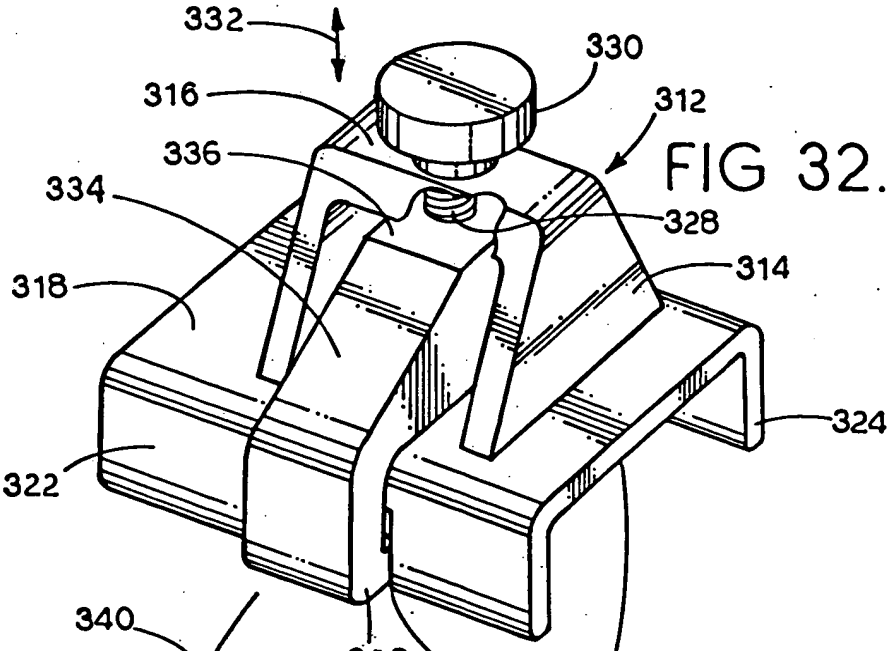

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FIG 32.

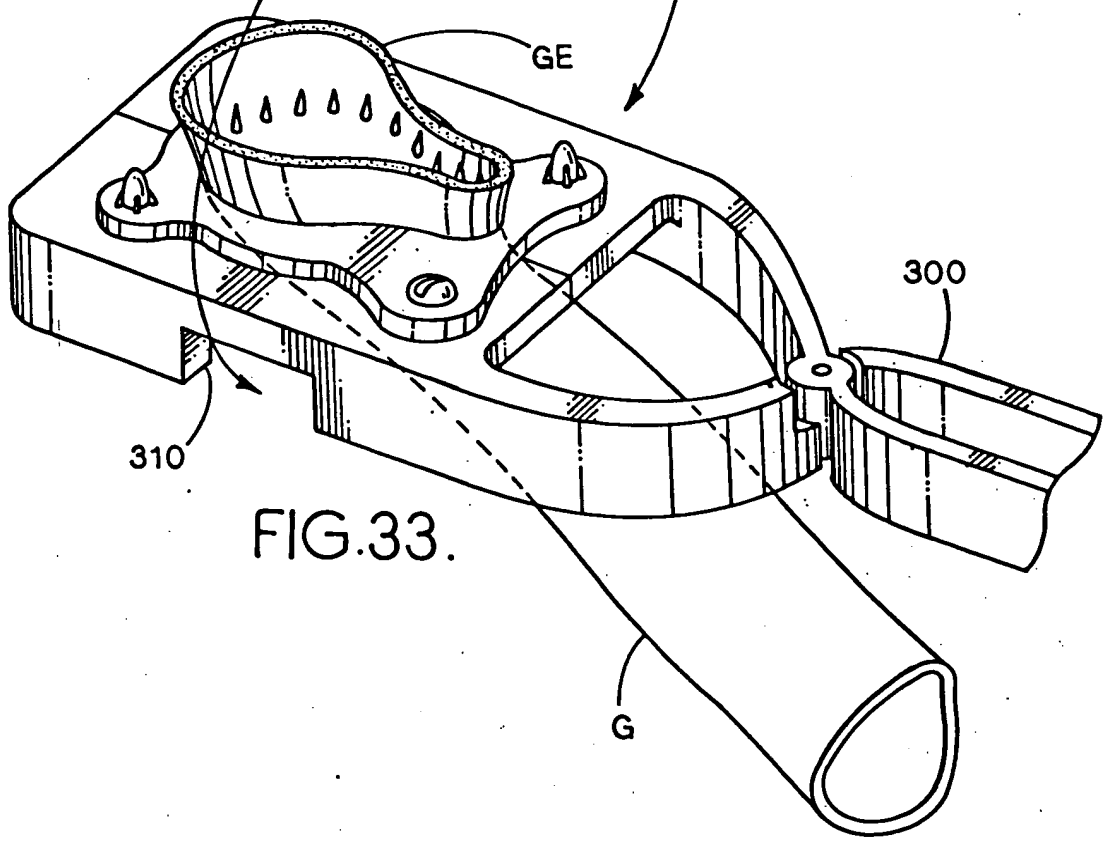
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FIG.33.

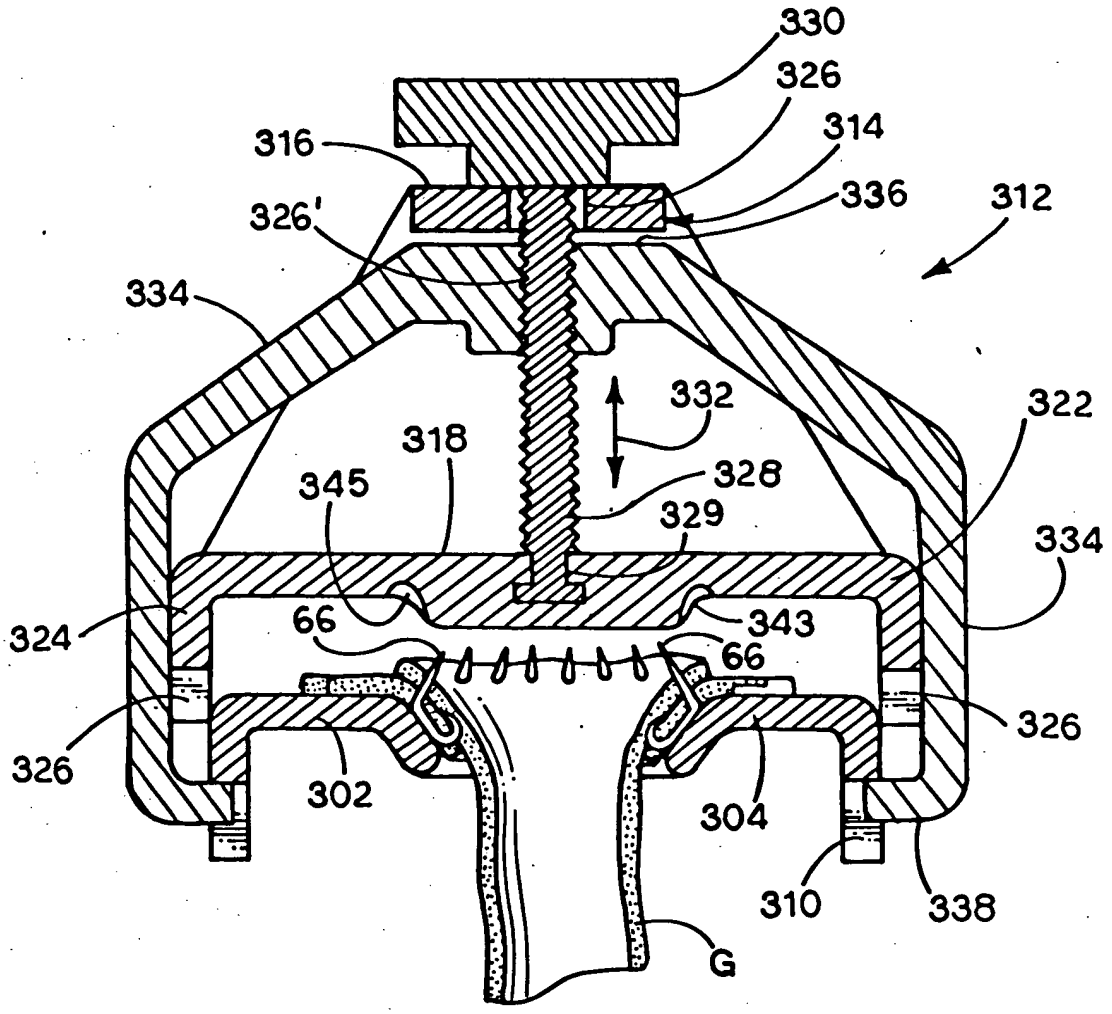
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FIG. 34.

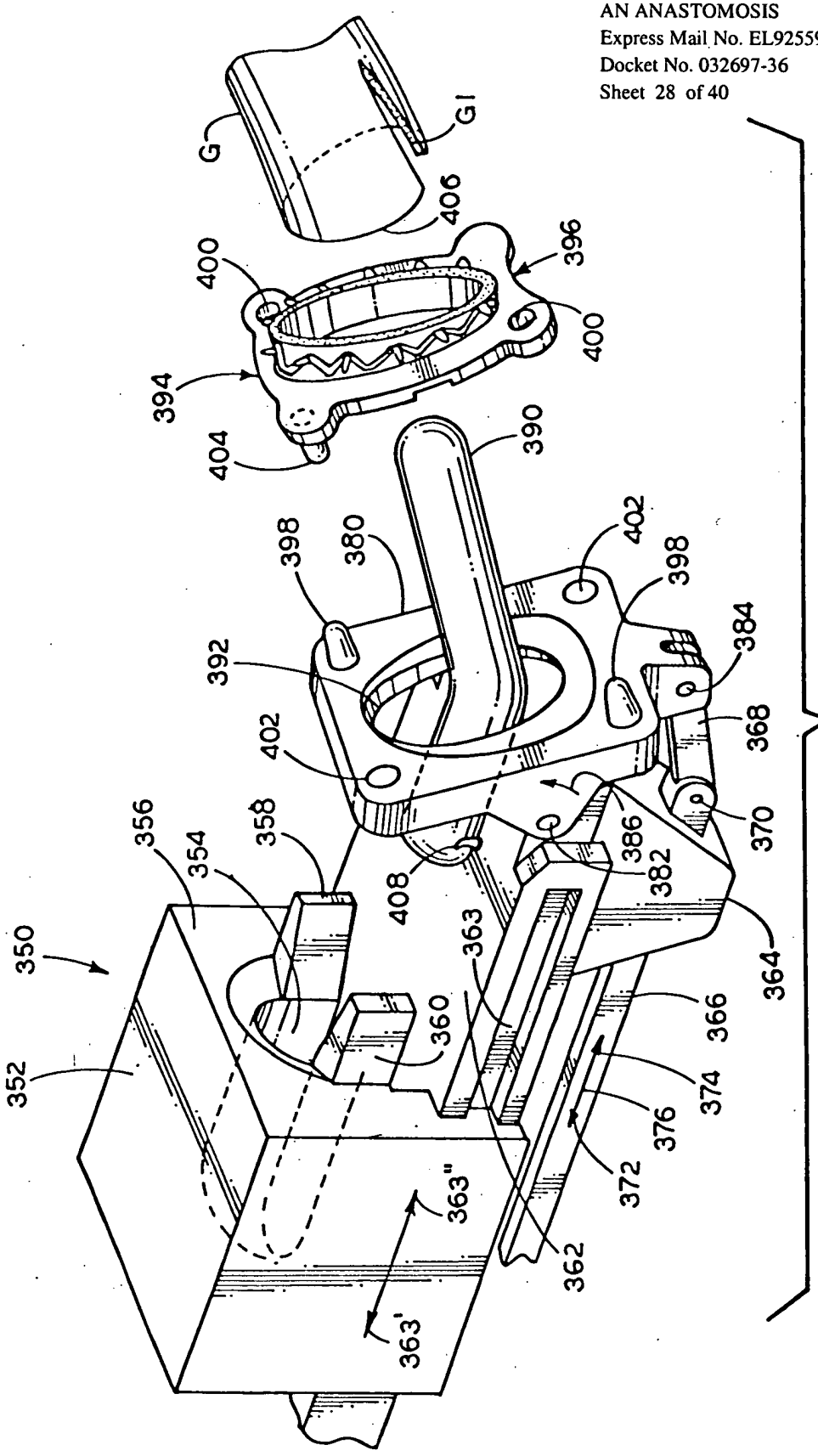
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FIG. 35.

FIG. 36A.

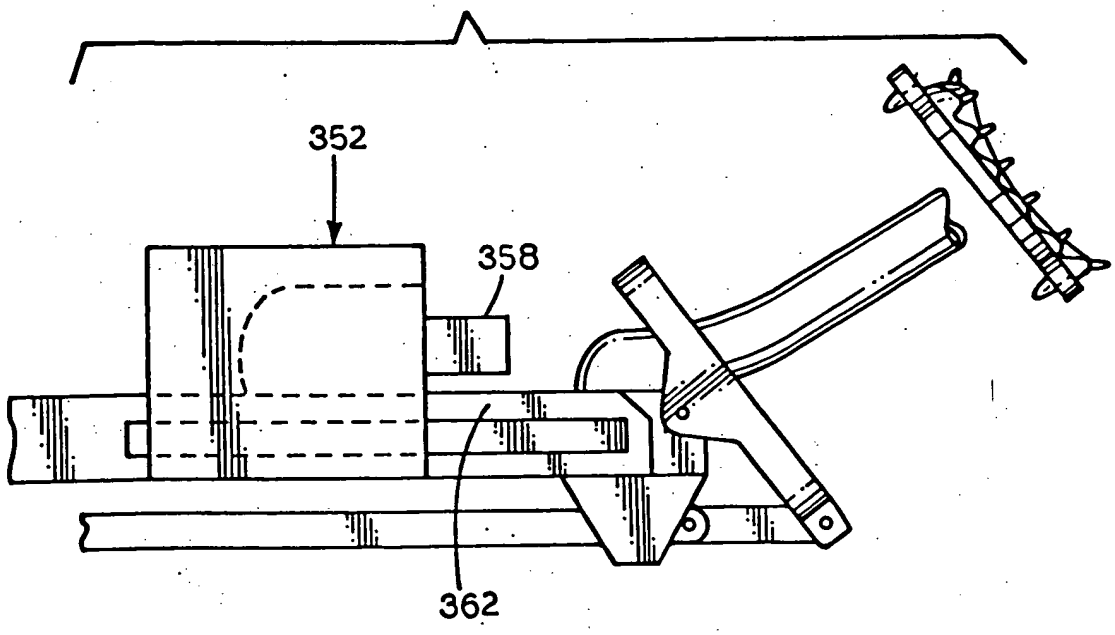
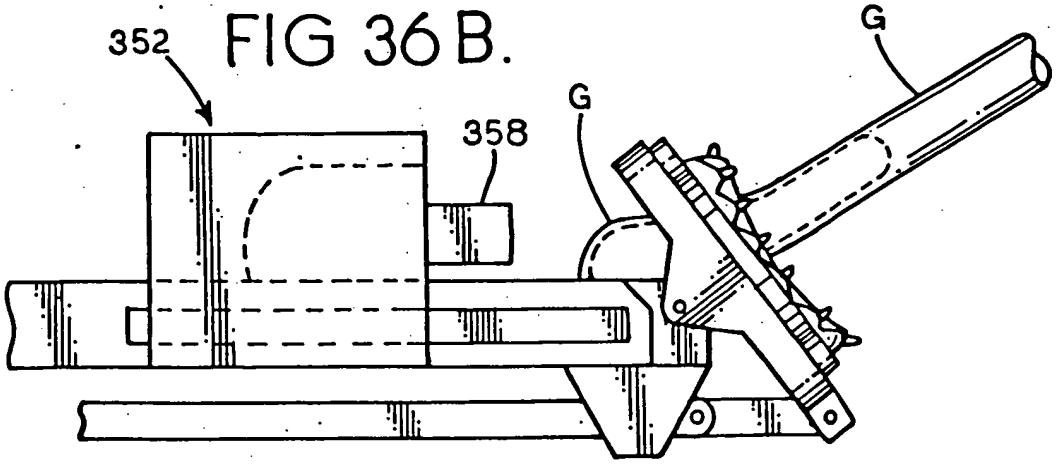


FIG 36B.



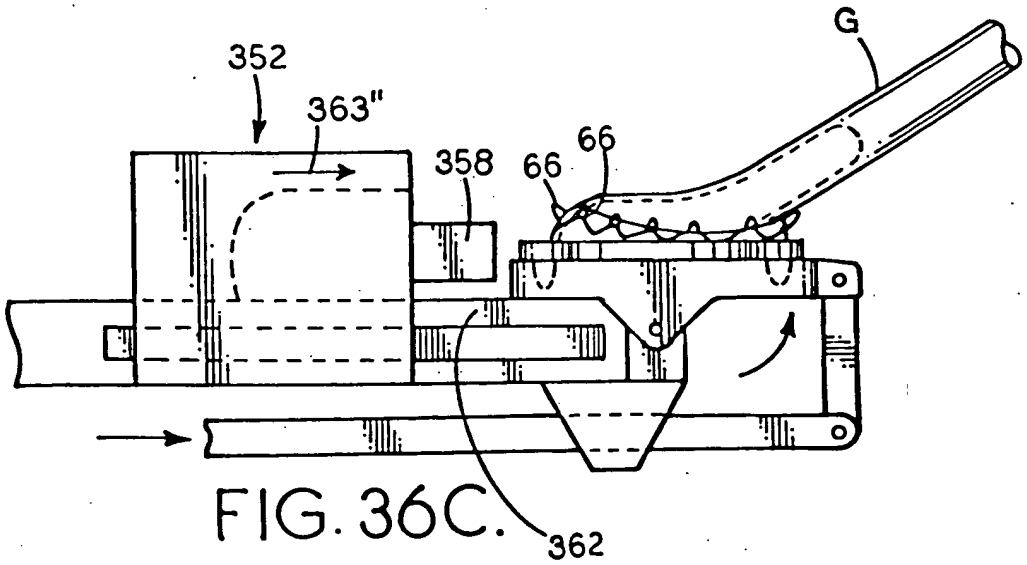


FIG. 36C.

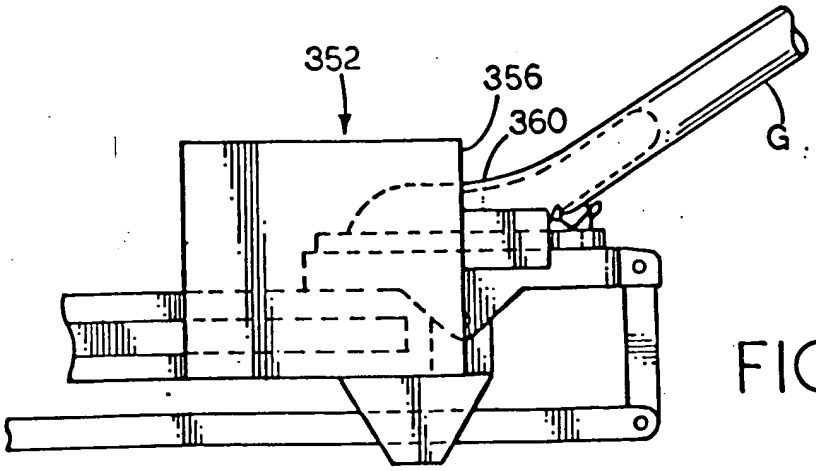


FIG. 36D.

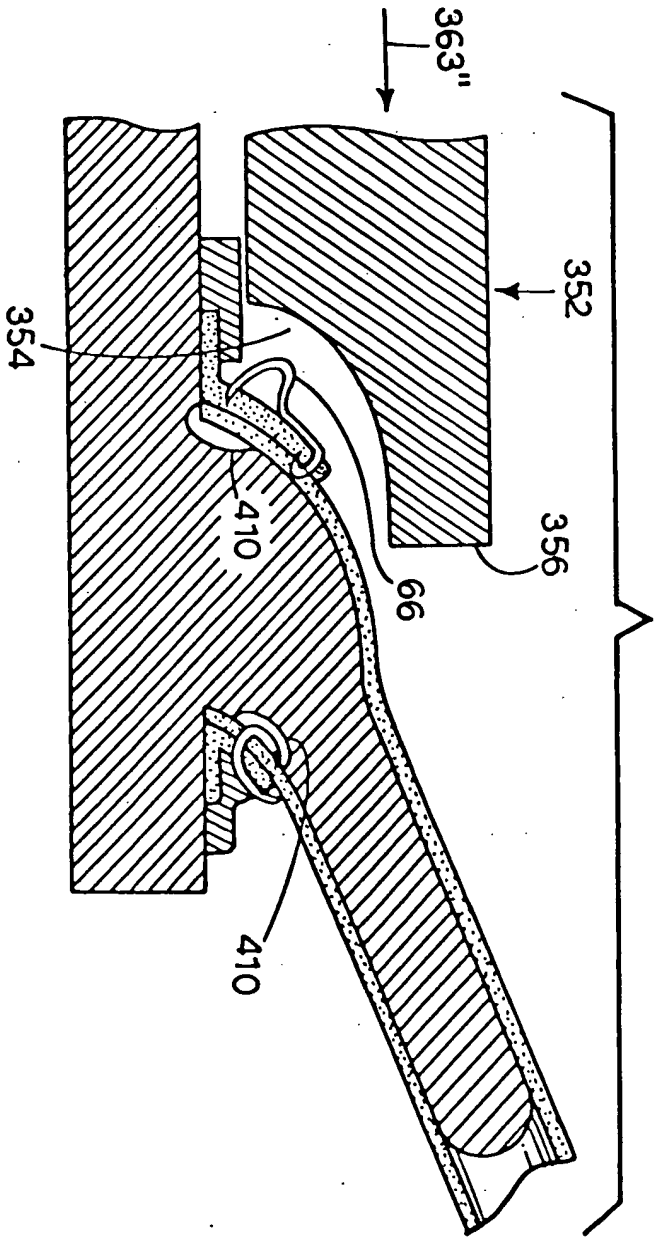


FIG. 37.

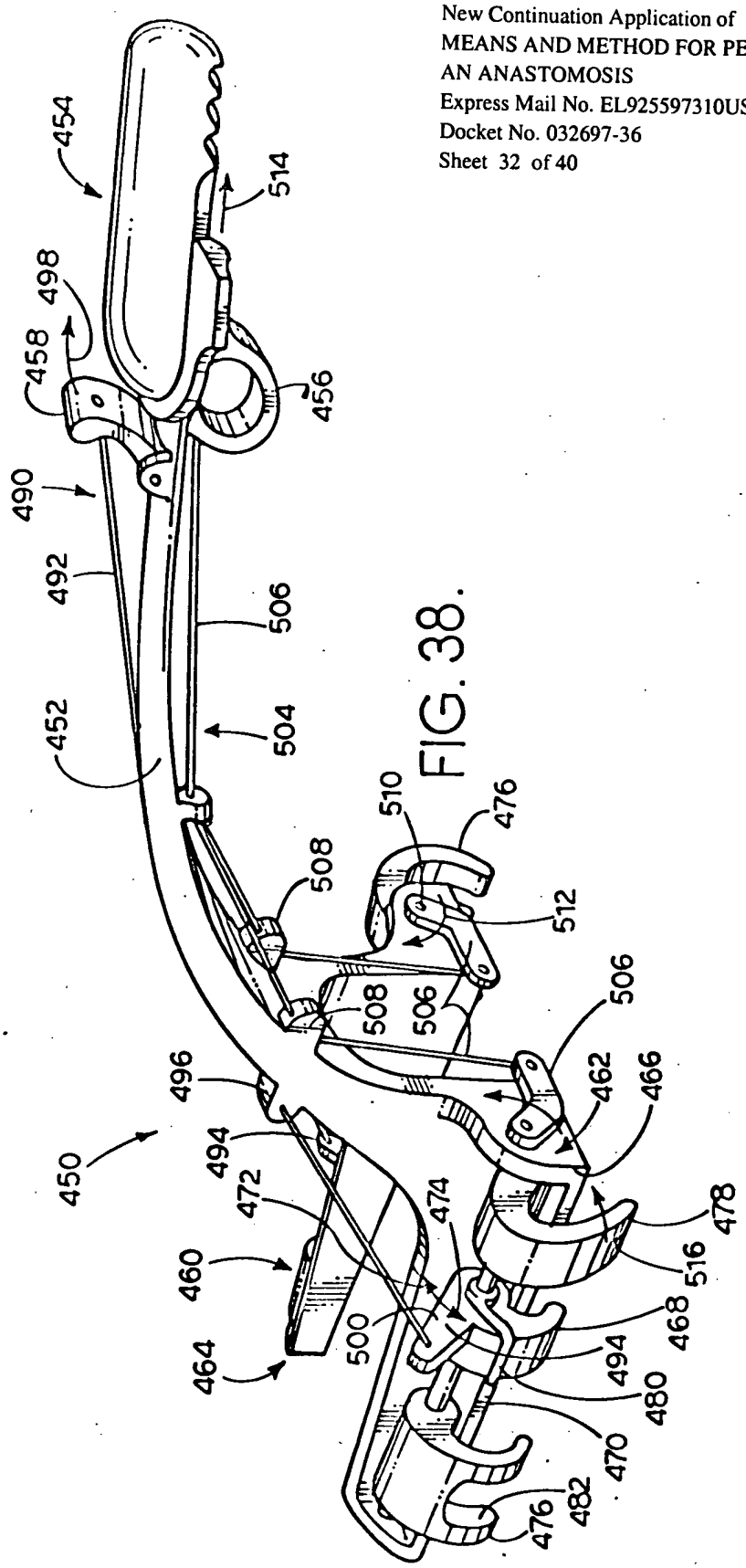

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FIG. 38.

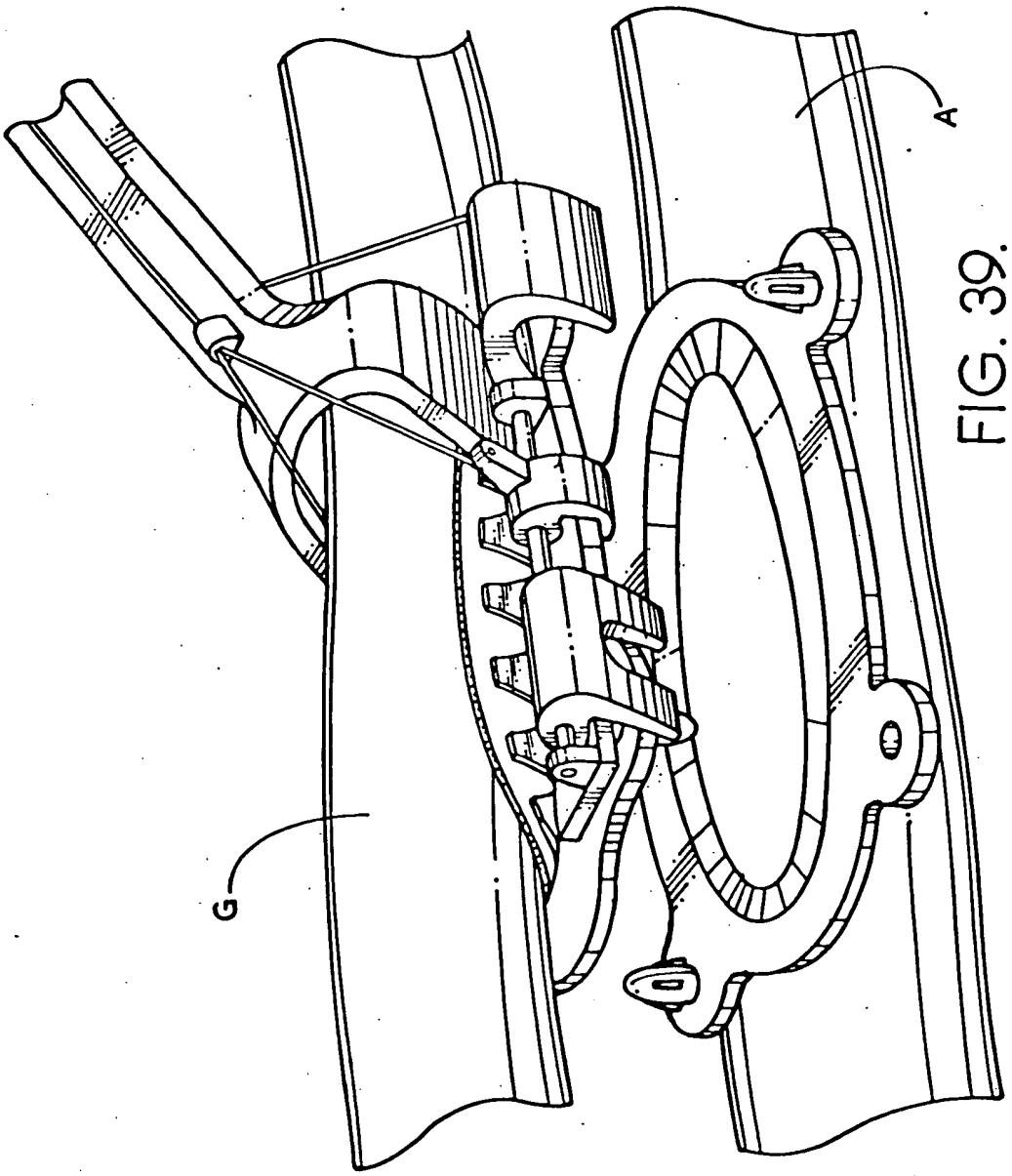


FIG. 39.

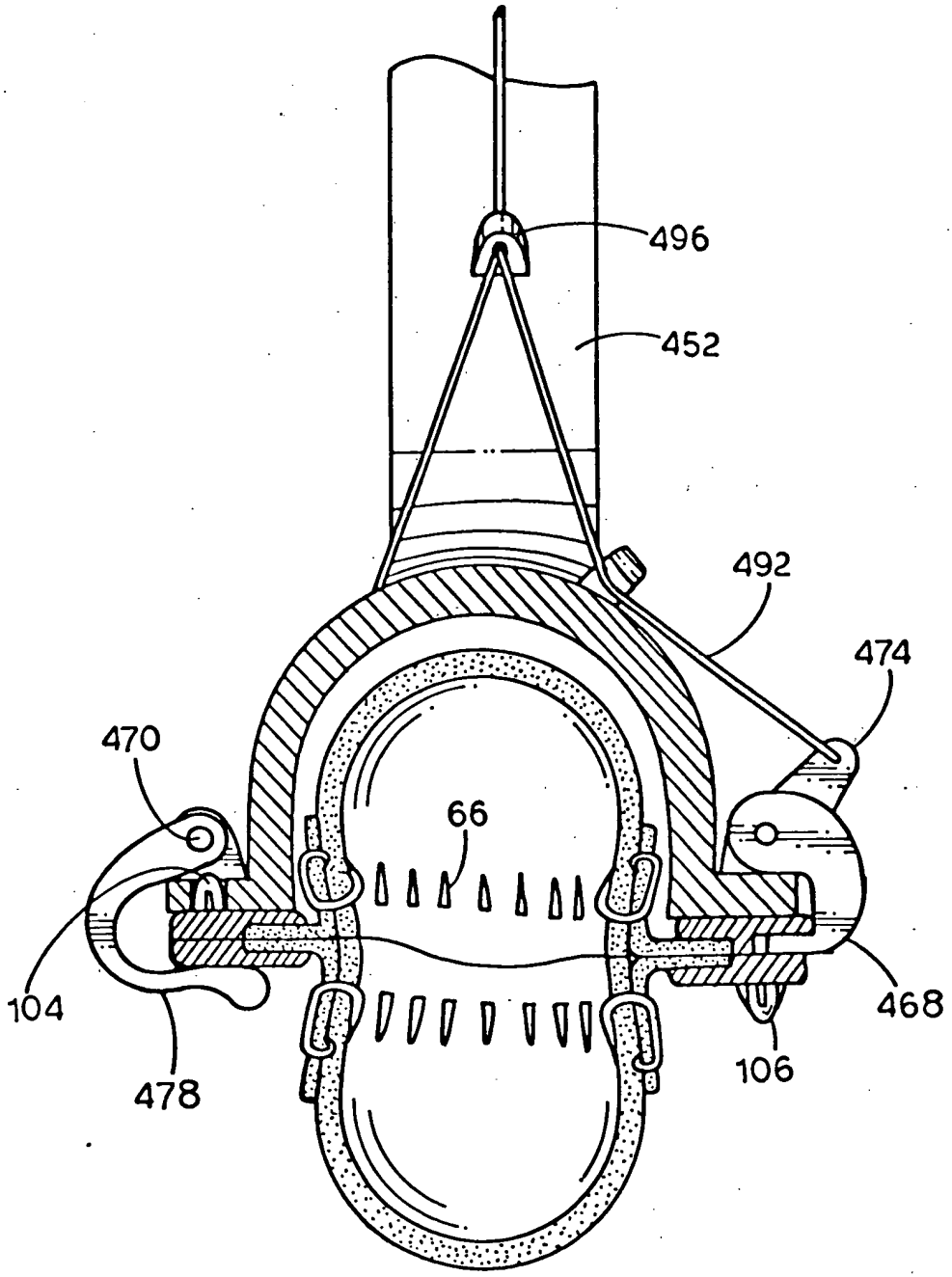


FIG. 40.

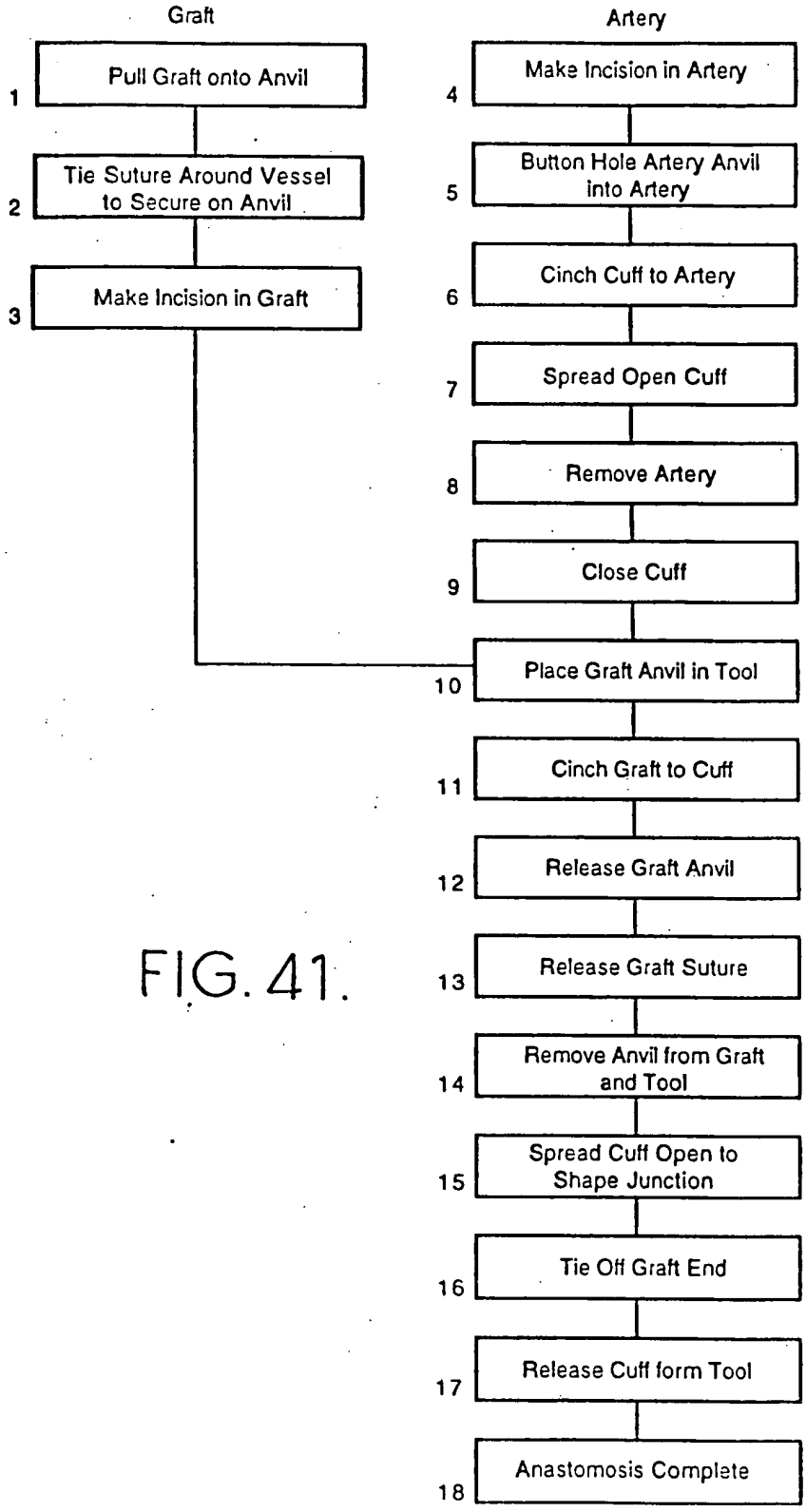

Graft
Artery
1
Pull Graft onto Anvil
2
Tie Suture Around Vessel to Secure on Anvil
3
Make Incision in Graft
4
Make Incision in Artery
5
Button Hole Artery Anvil into Artery
6
Cinch Cuff to Artery
7
Spread Open Cuff
8
Remove Artery
9
Close Cuff
10
Place Graft Anvil in Tool
11
Cinch Graft to Cuff
12
Release Graft Anvil
13
Release Graft Suture
14
Remove Anvil from Graft and Tool
15
Spread Cuff Open to Shape Junction
16
Tie Off Graft End
17
Release Cuff form Tool
18
Anastomosis Complete

FIG. 41.

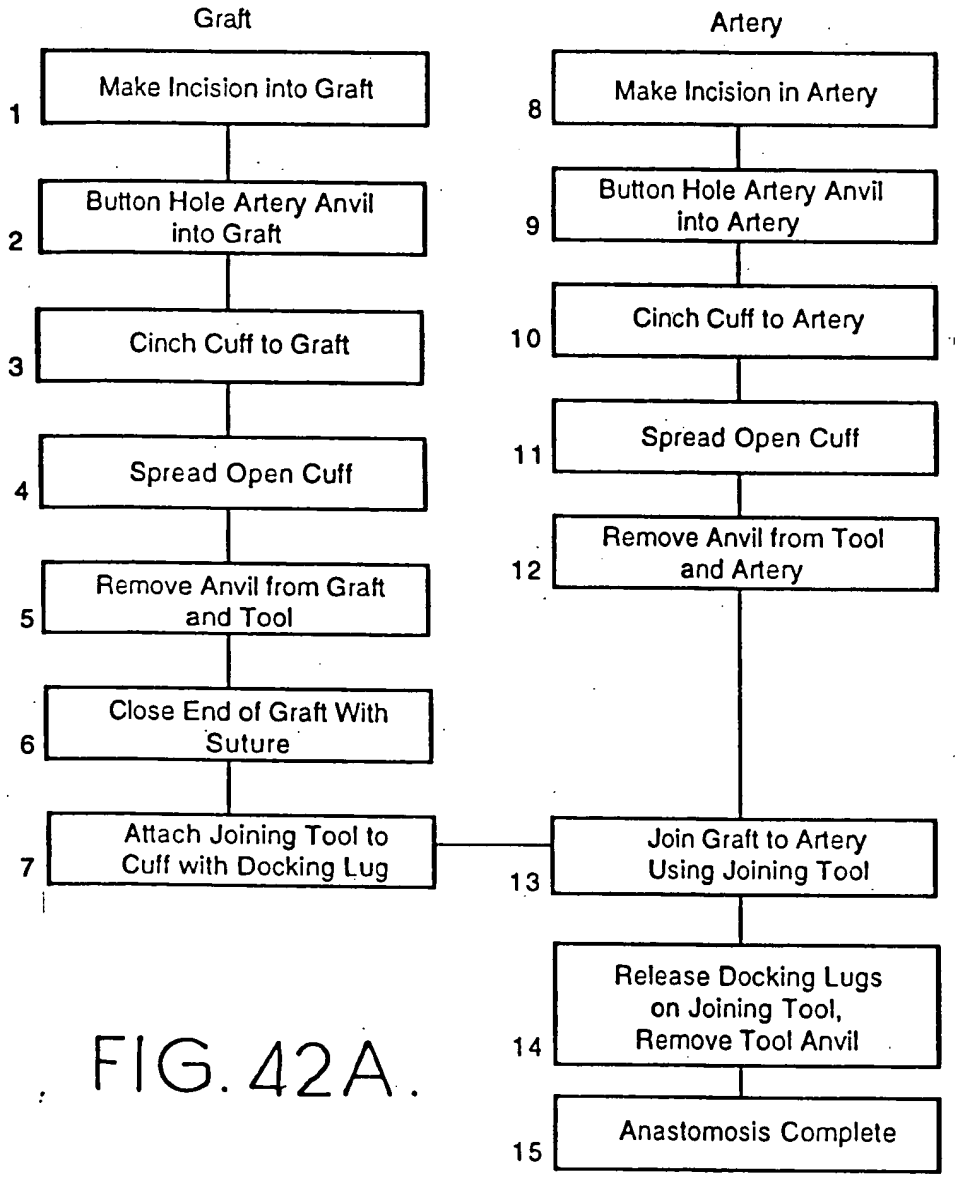

Graft
Artery
1
Make Incision into Graft
2
Button Hole Artery Anvil into Graft
3
Cinch Cuff to Graft
4
Spread Open Cuff
5
Remove Anvil from Graft and Tool
6
Close End of Graft With Suture
7
Attach Joining Tool to Cuff with Docking Lug
8
Make Incision in Artery
9
Button Hole Artery Anvil into Artery
10
Cinch Cuff to Artery
11
Spread Open Cuff
12
Remove Anvil from Tool and Artery
13
Join Graft to Artery Using Joining Tool
14
Release Docking Lugs on Joining Tool, Remove Tool Anvil
15
Anastomosis Complete

FIG. 42A.

FIG. 42B.

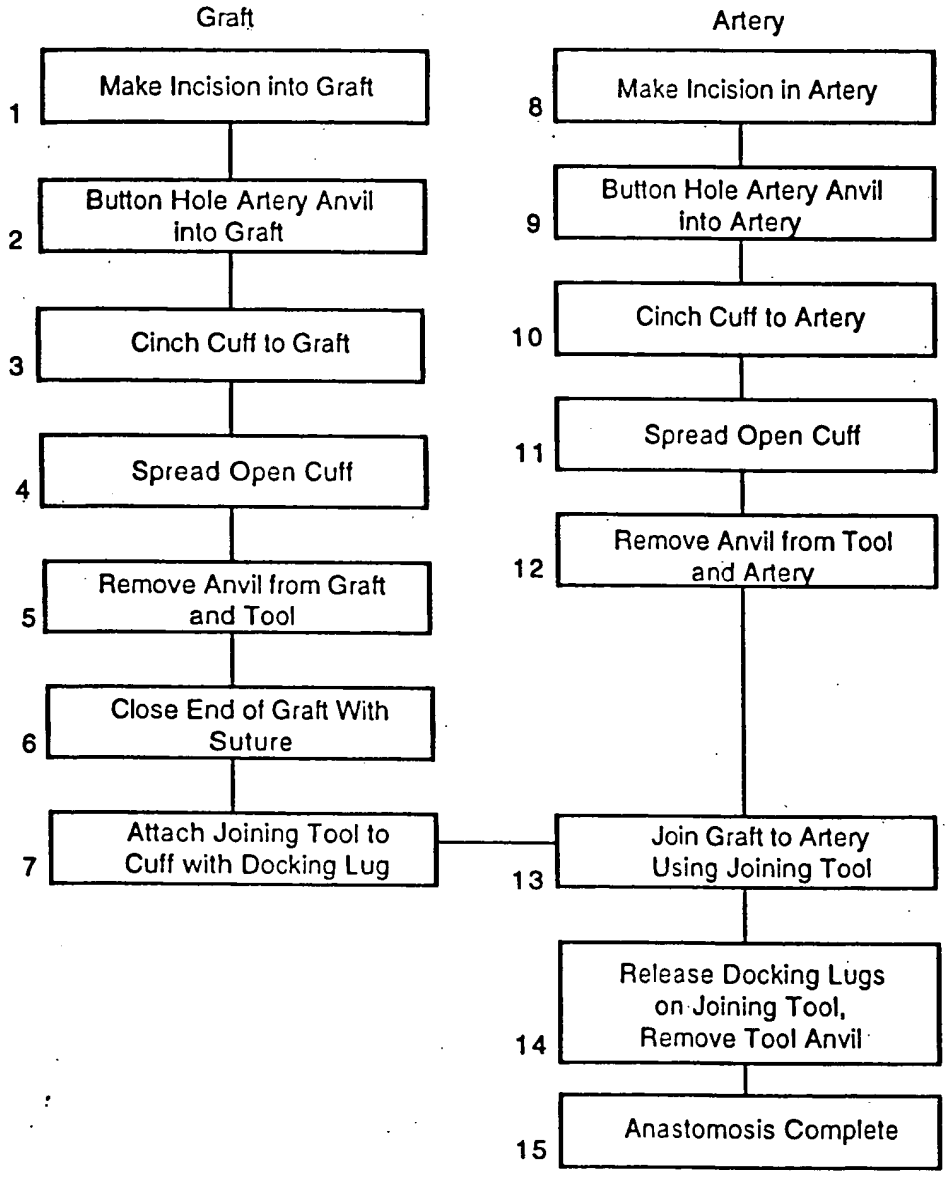
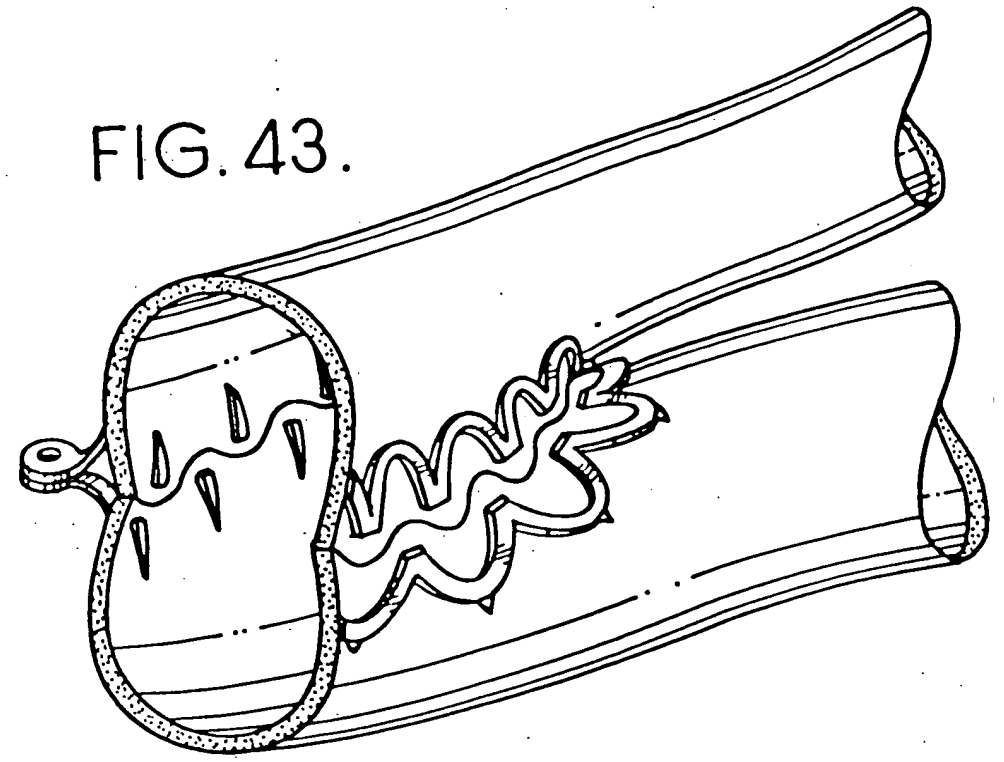

Graft
Artery
1
Make Incision into Graft
2
Button Hole Artery Anvil into Graft
3
Cinch Cuff to Graft
4
Spread Open Cuff
5
Remove Anvil from Graft and Tool
6
Close End of Graft With Suture
7
Attach Joining Tool to Cuff with Docking Lug
8
Make Incision in Artery
9
Button Hole Artery Anvil into Artery
10
Cinch Cuff to Artery
11
Spread Open Cuff
12
Remove Anvil from Tool and Artery
13
Join Graft to Artery Using Joining Tool
14
Release Docking Lugs on Joining Tool, Remove Tool Anvil
15
Anastomosis Complete

FIG. 43.



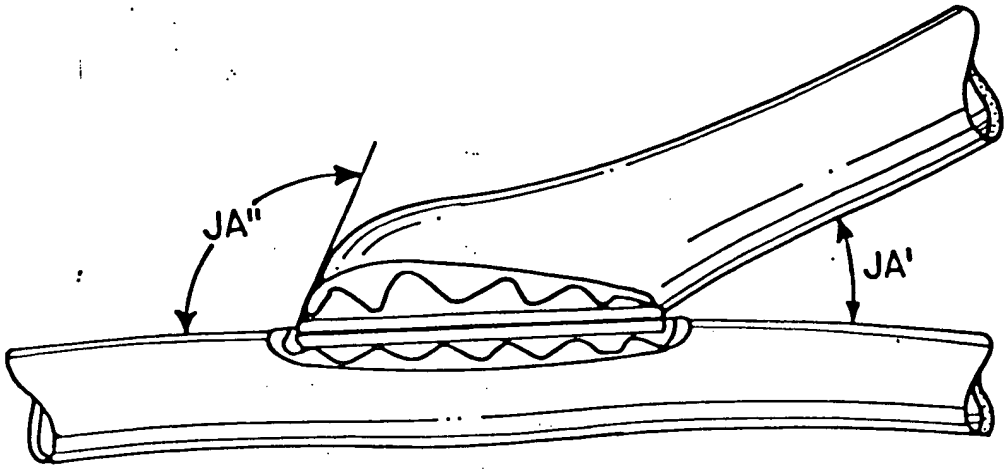


FIG. 44.

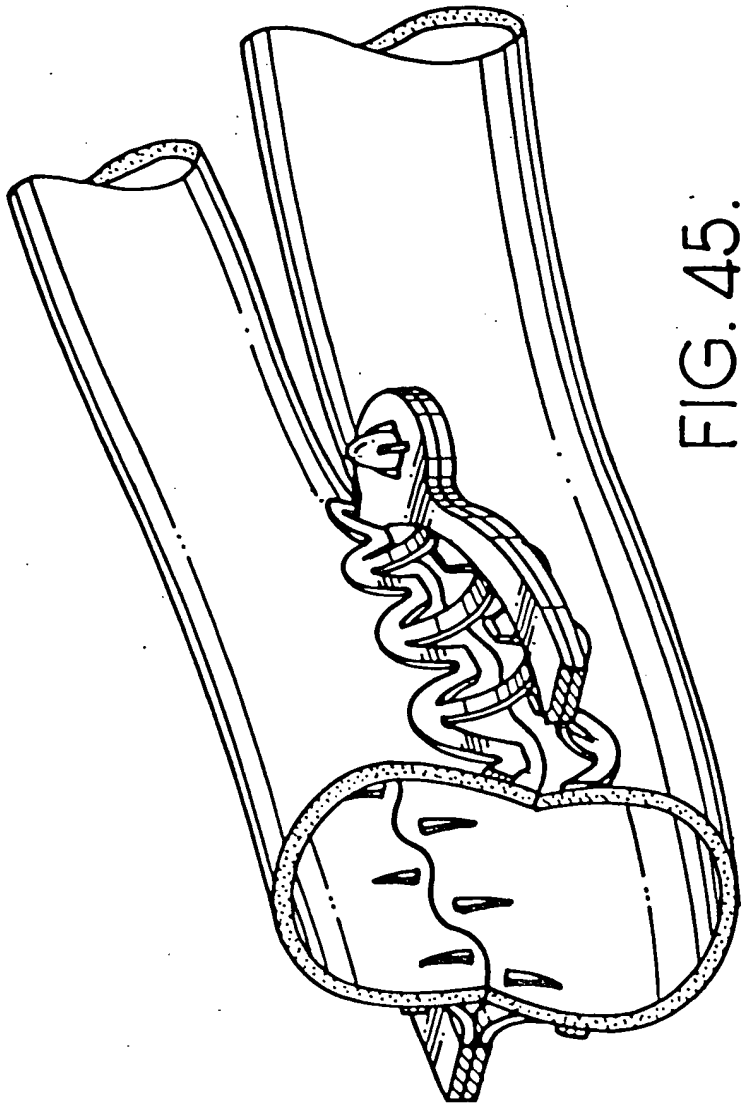


FIG. 45.

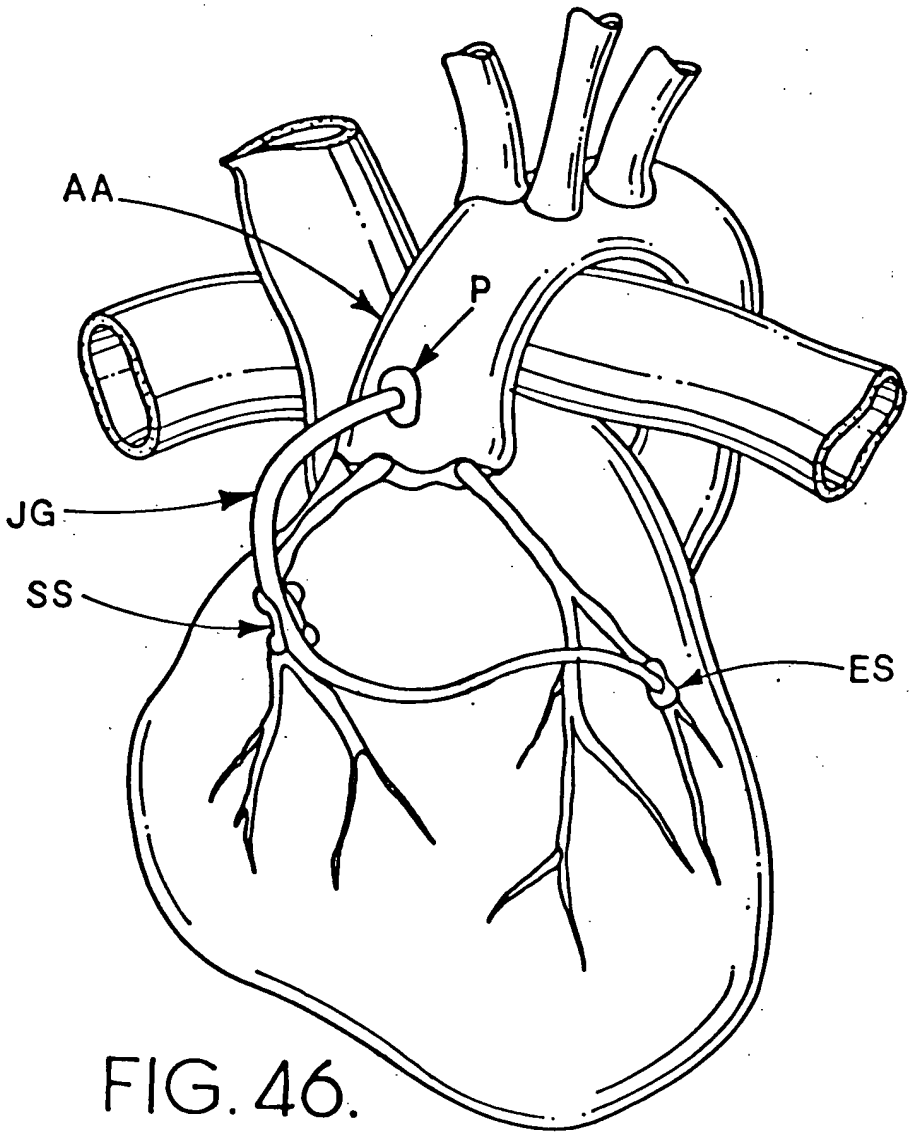


FIG. 46.